

[illegible]

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[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
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56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
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56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
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56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	5Deficient E
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	5Deficient E
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	5Deficient E
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	5Deficient E
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	5Deficient E
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	5Deficient E
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable
56-38-2	Parathion phase1v1;jopp_der	2Partially Co	2All Treatm	2Acceptable

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EELI 0001923

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DER
Memo,
Katz to
Zendzian
re
Parathion;
Chronic
Feeding
Study in
Rats; Light
and
Electron
Microscop
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Examinati
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Data
Bayer
Project T
1016770,
6/22/87;
MRID
04088701
,
Unpublish

1040	4088701	4088701	1986ed	870.41 Chronic to:	4 CHR	1
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Katz to
Zendzian
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Parathion;
Chronic
Feeding
Study in
Rats; Light
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4 CHR

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1016770,
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MRID
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Unpublish

1040	4088701	4088701	1986ed	870.41Chronic to:	4CHR	1
1040	4088701	4088701	1986ed	870.41Chronic to:	4CHR	1
1040	4088701	4088701	1986ed	870.41Chronic to:	4CHR	1
1040	4088701	4088701	1986ed	870.41Chronic to:	4CHR	1
1040	4088701	4088701	1986ed	870.41Chronic to:	4CHR	1
1040	4088701	4088701	1986ed	870.41Chronic to:	4CHR	1
1040	4088701	4088701	1986ed	870.41Chronic to:	4CHR	1
1040	4088701	4088701	1986ed	870.41Chronic to:	4CHR	1
1040	4088701	4088701	1986ed	870.41Chronic to:	4CHR	1
1039	41817301	41817301	1991Page, J.; He	870.42Carcinoger	4CHR	2
1039	41817301	41817301	1991Page, J.; He	870.42Carcinoger	4CHR	2
1039	41817301	41817301	1991Page, J.; He	870.42Carcinoger	4CHR	2
1039	41817301	41817301	1991Page, J.; He	870.42Carcinoger	4CHR	2
1039	41817301	41817301	1991Page, J.; He	870.42Carcinoger	4CHR	2
1039	41817301	41817301	1991Page, J.; He	870.42Carcinoger	4CHR	2
1037	41108601	41108601	1989Cockrell, B	870.43Combined	4CHR	1
1037	41108601	41108601	1989Cockrell, B	870.43Combined	4CHR	1
1037	41108601	41108601	1989Cockrell, B	870.43Combined	4CHR	1
1037	41108601	41108601	1989Cockrell, B	870.43Combined	4CHR	1

[illegible]

[illegible]

[illegible]

EELI 0001950

[illegible]

[illegible]

species	strain	comments	admin_mea	admin_rou	dose_start	dose_start	dose_end	dose_end	lot_batch
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
rat	Sprague Dawley	Feed	Oral		0day		90day		872049
dog	[Other]	Strain: BeaFeed	Oral		0day		90day		FL:872049
dog	[Other]	Strain: BeaFeed	Oral		0day		90day		FL:872049
dog	[Other]	Strain: BeaFeed	Oral		0day		90day		FL:872049
dog	[Other]	Strain: BeaFeed	Oral		0day		90day		FL:872049
dog	[Other]	Strain: BeaFeed	Oral		0day		90day		FL:872049
dog	[Other]	Strain: BeaFeed	Oral		0day		90day		FL:872049
dog	[Other]	Strain: BeaFeed	Oral		0day		90day		FL:872049
dog	[Other]	Strain: BeaFeed	Oral		0day		90day		FL:872049
rat	CD(SD)BR	Strain: COtGavage/In	Oral		6GD		15GD		FL-821568
rat	CD(SD)BR	Strain: COtGavage/In	Oral		6GD		15GD		FL-821568
rat	CD(SD)BR	Strain: COtGavage/In	Oral		6GD		15GD		FL-821568
rat	CD(SD)BR	Strain: COtGavage/In	Oral		6GD		15GD		FL-821568
rat	CD(SD)BR	Strain: COtGavage/In	Oral		6GD		15GD		FL-821568
rat	CD(SD)BR	Strain: COtGavage/In	Oral		6GD		15GD		FL-821568

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

rat	Sprague Dawley (CD) Feed	Oral	10weeks (pre	2generation	7081801
rat	Sprague Dawley (CD) Feed	Oral	10weeks (pre	2generation	7081801
rat	Sprague Dawley (CD) Feed	Oral	10weeks (pre	2generation	7081801
rat	Sprague Dawley (CD) Feed	Oral	10weeks (pre	2generation	7081801
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103
dog	[Other] Strain: BeaFeed	Oral	0month	12month	AK 1103

rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month
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rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month
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rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month
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rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month	
rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month	
rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month	
rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month	
rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month	
rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month	
rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month	
rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month	
rat	[Not RepoiStudy doseFeed	Oral	0 month	26 month	
mouse	B6C3F1 Feed	Oral	0 day	18 month	DK-7620/7
mouse	B6C3F1 Feed	Oral	0 day	18 month	DK-7620/7
mouse	B6C3F1 Feed	Oral	0 day	18 month	DK-7620/7
mouse	B6C3F1 Feed	Oral	0 day	18 month	DK-7620/7
mouse	B6C3F1 Feed	Oral	0 day	18 month	DK-7620/7
mouse	B6C3F1 Feed	Oral	0 day	18 month	DK-7620/7
rat	Sprague D:Study doseFeed	Oral	0 month	24 month	
rat	Sprague D:Study doseFeed	Oral	0 month	24 month	
rat	Sprague D:Study doseFeed	Oral	0 month	24 month	
rat	Sprague D:Study doseFeed	Oral	0 month	24 month	

[illegible]

rat	Wistar	Strain: BorFeed	Oral	0day	26month	230300004
rat	Wistar	Strain: BorFeed	Oral	0day	26month	230300004
rat	Wistar	Strain: BorFeed	Oral	0day	26month	230300004
rat	Sprague D:	Study DoseFeed	Oral	0month	25month	AK 11 44
rat	Sprague D:	Study DoseFeed	Oral	0month	25month	AK 11 44
rat	Sprague D:	Study DoseFeed	Oral	0month	25month	AK 11 44
rat	Sprague D:	Study DoseFeed	Oral	0month	25month	AK 11 44
rat	Sprague D:	Study DoseFeed	Oral	0month	25month	AK 11 44
rat	Sprague D:	Study DoseFeed	Oral	0month	25month	AK 11 44
rat	Long Evans	SubcutaneDirect		5 PND	30PND	
rat	Long Evans	SubcutaneDirect		5 PND	30PND	
rat	Long Evans	SubcutaneDirect		5 PND	30PND	
rat	Long Evans	SubcutaneDirect		5 PND	30PND	
rat	Long Evans	SubcutaneDirect		5 PND	30PND	
rat	Long Evans	SubcutaneDirect		5 PND	30PND	
rat	Long Evans	SubcutaneDirect		5 PND	30PND	
rat	Long Evans	SubcutaneDirect		5 PND	30PND	
rat	Long Evans	SubcutaneDirect		5 PND	30PND	
rat	Long Evans	SubcutaneDirect		5 PND	30PND	
rat	Long Evans	SubcutaneDirect		5 PND	30PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Sprague Dawley	SubcutaneDirect		1 PND	328PND	
rat	Fischer 344	Time-weightFeed	Oral	0day	80week	
rat	Fischer 344	Time-weightFeed	Oral	0day	80week	
rat	Fischer 344	Time-weightFeed	Oral	0day	80week	
rat	Fischer 344	Time-weightFeed	Oral	0day	80week	
rat	Fischer 344	Time-weightFeed	Oral	0day	80week	
rat	Fischer 344	Time-weightFeed	Oral	0day	80week	
rat	Fischer 344	Time-weightFeed	Oral	0day	80week	
rat	Fischer 344	Time-weightFeed	Oral	0day	80week	
rat	Fischer 344	Time-weightFeed	Oral	0day	80week	
rat	Fischer 344	Time-weightFeed	Oral	0day	80week	
rat	Fischer 344	Time-weightFeed	Oral	0day	80week	

rat	Fischer 344	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 344	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 344	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 344	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 344	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 344	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 344	Time-weight	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
mouse	B6C3F1	Doses of 8	Feed	Oral	0 day	80 week	
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl: Gavage/Int	Oral		6 GD	70 PND		NJ250RB08
rat	Sprague Dawley	Feed	Oral	0 day	3 month		XLG161

[illegible]

[illegible]

[illegible]

purity	source	ldt	hdt	study_dosino_doses_tg_id	generation	gender
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	13772 Adult (P1)	M
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	19338 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	15813 Adult (P1)	M
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	23038 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	23038 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	17243 Adult (P1)	M
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	17243 Adult (P1)	M
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	25739 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	25739 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	25739 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	18620 Adult (P1)	M
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	18620 Adult (P1)	M
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	18620 Adult (P1)	M
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	18620 Adult (P1)	M
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	18620 Adult (P1)	M
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	18620 Adult (P1)	M
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	18620 Adult (P1)	M
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.03	212 mg/kg/day	4	27117 Adult (P1)	F
87.7	Ciba-Geigy	0.0034	11.6 mg/kg/day	4	47652 Adult (P1)	M
87.7	Ciba-Geigy	0.0034	11.6 mg/kg/day	4	47653 Adult (P1)	F
87.7	Ciba-Geigy	0.0034	11.6 mg/kg/day	4	47654 Adult (P1)	M
87.7	Ciba-Geigy	0.0034	11.6 mg/kg/day	4	47655 Adult (P1)	F
87.7	Ciba-Geigy	0.0034	11.6 mg/kg/day	4	47657 Adult (P1)	F
87.7	Ciba-Geigy	0.0034	11.6 mg/kg/day	4	47656 Adult (P1)	M
87.7	Ciba-Geigy	0.0034	11.6 mg/kg/day	4	47658 Adult (P1)	M
87.7	Ciba-Geigy	0.0034	11.6 mg/kg/day	4	47659 Adult (P1)	F
97.4	Ciba-Geigy	10	100 mg/kg/day	3	19634 Adult (P1)	F
97.4	Ciba-Geigy	10	100 mg/kg/day	3	40692 Fetus	M+F
97.4	Ciba-Geigy	10	100 mg/kg/day	3	23678 Adult (P1)	F
97.4	Ciba-Geigy	10	100 mg/kg/day	3	41611 Fetus	M+F
97.4	Ciba-Geigy	10	100 mg/kg/day	3	24769 Adult (P1)	F
97.4	Ciba-Geigy	10	100 mg/kg/day	3	24769 Adult (P1)	F

97.4 Ciba-Geigy	10	100 mg/kg/day	3	24769 Adult (P1)	F
97.4 Ciba-Geigy	10	100 mg/kg/day	3	24769 Adult (P1)	F
97.4 Ciba-Geigy	10	100 mg/kg/day	3	24769 Adult (P1)	F
97.4 Ciba-Geigy	10	100 mg/kg/day	3	42554 Fetus	M+F
97.4 Ciba-Geigy	10	100 mg/kg/day	3	42554 Fetus	M+F
97.4 Ciba-Geigy	10	100 mg/kg/day	3	42554 Fetus	M+F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	20010 Adult (P1)	F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	41100 Fetus	M+F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	22784 Adult (P1)	F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	41869 Fetus	M+F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	25497 Adult (P1)	F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	25497 Adult (P1)	F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	25497 Adult (P1)	F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	25497 Adult (P1)	F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	25497 Adult (P1)	F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	25497 Adult (P1)	F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	25497 Adult (P1)	F
89.2 Ciba-Geigy	7	100 mg/kg/day	3	42776 Fetus	M+F
94.9	0.67	41.43 mg/kg/day	3	14409 Adult (P1)	M
94.9	0.67	41.43 mg/kg/day	3	33188 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	37414 Offspring (F2)	M
94.9	0.67	41.43 mg/kg/day	3	21353 Adult (P1)	F
94.9	0.67	41.43 mg/kg/day	3	34710 Offspring (F1)	F
94.9	0.67	41.43 mg/kg/day	3	38724 Offspring (F2)	F
94.9	0.67	41.43 mg/kg/day	3	16020 Adult (P1)	M
94.9	0.67	41.43 mg/kg/day	3	33490 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	33490 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	33490 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	37717 Offspring (F2)	M
94.9	0.67	41.43 mg/kg/day	3	21750 Adult (P1)	F
94.9	0.67	41.43 mg/kg/day	3	35293 Offspring (F1)	F
94.9	0.67	41.43 mg/kg/day	3	35293 Offspring (F1)	F
94.9	0.67	41.43 mg/kg/day	3	35293 Offspring (F1)	F
94.9	0.67	41.43 mg/kg/day	3	39168 Offspring (F2)	F
94.9	0.67	41.43 mg/kg/day	3	17940 Adult (P1)	M
94.9	0.67	41.43 mg/kg/day	3	34319 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	34319 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	34319 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	34319 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	34319 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	34319 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	34319 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	34319 Offspring (F1)	M
94.9	0.67	41.43 mg/kg/day	3	38160 Offspring (F2)	M
94.9	0.67	41.43 mg/kg/day	3	38160 Offspring (F2)	M

94.9	0.67	41.43 mg/kg/day	3	38160 Offspring (F2)	M
94.9	0.67	41.43 mg/kg/day	3	38160 Offspring (F2)	M
94.9	0.67	41.43 mg/kg/day	3	26104 Adult (P1)	F
94.9	0.67	41.43 mg/kg/day	3	26104 Adult (P1)	F
94.9	0.67	41.43 mg/kg/day	3	26104 Adult (P1)	F
94.9	0.67	41.43 mg/kg/day	3	26104 Adult (P1)	F
94.9	0.67	41.43 mg/kg/day	3	35749 Offspring (F1)	F
94.9	0.67	41.43 mg/kg/day	3	35749 Offspring (F1)	F
94.9	0.67	41.43 mg/kg/day	3	35749 Offspring (F1)	F
94.9	0.67	41.43 mg/kg/day	3	35749 Offspring (F1)	F
94.9	0.67	41.43 mg/kg/day	3	35749 Offspring (F1)	F
94.9	0.67	41.43 mg/kg/day	3	35749 Offspring (F1)	F
94.9	0.67	41.43 mg/kg/day	3	39541 Offspring (F2)	F
94.9	0.67	41.43 mg/kg/day	3	39541 Offspring (F2)	F
94.9	0.67	41.43 mg/kg/day	3	39541 Offspring (F2)	F
94.9	0.67	41.43 mg/kg/day	3	39541 Offspring (F2)	F
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47661 Adult (P1)	F
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47660 Adult (P1)	M
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47667 Offspring (F1)	F
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47673 Offspring (F1)	F
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47666 Offspring (F1)	M
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47672 Offspring (F1)	M
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47663 Adult (P1)	F
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47662 Adult (P1)	M
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47669 Offspring (F1)	F
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47675 Offspring (F1)	F
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47668 Offspring (F1)	M
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47674 Offspring (F1)	M
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47665 Adult (P1)	F
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47664 Adult (P1)	M
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47671 Offspring (F1)	F
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47677 Offspring (F1)	F
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47670 Offspring (F1)	M
94.9 Ciba-Geigy	0.5	50 mg/kg/day	3	47676 Offspring (F1)	M
25 Ciba-Geigy	0.5	50 mg/kg/day	3	47679 Adult (P1)	F
25 Ciba-Geigy	0.5	50 mg/kg/day	3	47678 Adult (P1)	M
25 Ciba-Geigy	0.5	50 mg/kg/day	3	47681 Adult (P1)	F
25 Ciba-Geigy	0.5	50 mg/kg/day	3	47680 Adult (P1)	M
25 Ciba-Geigy	0.5	50 mg/kg/day	3	47682 Adult (P1)	M
87.7 Ciba-Geigy	0.0032	9.1 mg/kg/day	4	47683 Adult (P1)	M
87.7 Ciba-Geigy	0.0032	9.1 mg/kg/day	4	47684 Adult (P1)	F
87.7 Ciba-Geigy	0.0032	9.1 mg/kg/day	4	47685 Adult (P1)	M
87.7 Ciba-Geigy	0.0032	9.1 mg/kg/day	4	47686 Adult (P1)	F
87.7 Ciba-Geigy	0.0032	9.1 mg/kg/day	4	47686 Adult (P1)	F

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87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	17353 Adult (P1)	M
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	17353 Adult (P1)	M
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	17353 Adult (P1)	M
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	28876 Adult (P1)	M
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	24759 Adult (P1)	F
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	24759 Adult (P1)	F
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	24759 Adult (P1)	F
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	31083 Adult (P1)	F
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	18573 Adult (P1)	M
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	18573 Adult (P1)	M
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	18573 Adult (P1)	M
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	29214 Adult (P1)	M
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	31770 Adult (P1)	M
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	26828 Adult (P1)	F
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	26828 Adult (P1)	F
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	26828 Adult (P1)	F
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	31501 Adult (P1)	F
87.7 Ciba-Geigy	0.004	12 mg/kg/day	4	31945 Adult (P1)	F
98 NCI	14	29 mg/kg/day	2	20841 Adult (P1)	F
98 NCI	14	29 mg/kg/day	2	14056 Adult (P1)	M
98 NCI	14	29 mg/kg/day	2	22377 Adult (P1)	F
98 NCI	14	29 mg/kg/day	2	16413 Adult (P1)	M
98 National C	20	40 mg/kg/day	2	47692 Adult (P1)	F
98 National C	20	40 mg/kg/day	2	47691 Adult (P1)	M
98 National C	20	40 mg/kg/day	2	47694 Adult (P1)	F
98 National C	20	40 mg/kg/day	2	47693 Adult (P1)	M
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55429 Adult (P1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55433 Offspring (F1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55432 Offspring (F1)	M
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55430 Adult (P1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55430 Adult (P1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55430 Adult (P1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55435 Offspring (F1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55434 Offspring (F1)	M
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55434 Offspring (F1)	M
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55431 Adult (P1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55431 Adult (P1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55431 Adult (P1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55437 Offspring (F1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55437 Offspring (F1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55437 Offspring (F1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55437 Offspring (F1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55437 Offspring (F1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55437 Offspring (F1)	F
92.9 Makhteshi	0.026	24.2 mg/kg/day	3	55436 Offspring (F1)	M

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96Cheminova	7.5	1250mg/kg/day	5	55401 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55400 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55408 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55412 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55412 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55424 Fetus	M+F
96Cheminova	7.5	1250mg/kg/day	5	55420 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55420 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55420 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55419 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55419 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55419 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55426 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55426 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55426 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55426 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55425 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55425 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55425 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55425 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55425 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55428 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55428 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55428 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55428 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55428 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55427 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55427 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55427 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55427 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55427 Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55368 Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55360 Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55353 Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55356 Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55367 Adult (P1)	M
96Cheminova	5	450mg/kg/day	4	55359 Adult (P1)	M
96Cheminova	5	450mg/kg/day	4	55373 Fetus	M+F
96Cheminova	5	450mg/kg/day	4	55377 Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55383 Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55382 Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55376 Offspring (F1)	M

96Cheminova	5	450mg/kg/day	4	55357Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55370Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55354Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55362Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55361Adult (P1)	M
96Cheminova	5	450mg/kg/day	4	55369Adult (P1)	M
96Cheminova	5	450mg/kg/day	4	55374Fetus	M+F
96Cheminova	5	450mg/kg/day	4	55379Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55379Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55385Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55385Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55385Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55378Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55378Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55384Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55384Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55384Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55355Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55355Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55372Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55372Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55358Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55358Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55364Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55371Adult (P1)	M
96Cheminova	5	450mg/kg/day	4	55363Adult (P1)	M
96Cheminova	5	450mg/kg/day	4	55375Fetus	M+F
96Cheminova	5	450mg/kg/day	4	55381Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55381Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55381Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55387Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55387Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55387Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55380Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55380Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55380Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55386Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55386Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55386Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55366Adult (P1)	F
96Cheminova	5	450mg/kg/day	4	55365Adult (P1)	M
96Cheminova	5	450mg/kg/day	4	55365Adult (P1)	M
96Cheminova	5	450mg/kg/day	4	55389Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55389Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55389Offspring (F1)	F

96Cheminova	5	450mg/kg/day	4	55389 Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55389 Offspring (F1)	F
96Cheminova	5	450mg/kg/day	4	55388 Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55388 Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55388 Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55388 Offspring (F1)	M
96Cheminova	5	450mg/kg/day	4	55388 Offspring (F1)	M
94American (	200	800mg/kg/day	3	20945 Adult (P1)	F
94American (	200	800mg/kg/day	3	41296 Fetus	M+F
94American (	200	800mg/kg/day	3	23598 Adult (P1)	F
94American (	200	800mg/kg/day	3	41701 Fetus	M+F
94American (	200	800mg/kg/day	3	25938 Adult (P1)	F
94American (	200	800mg/kg/day	3	25938 Adult (P1)	F
94American (	200	800mg/kg/day	3	25938 Adult (P1)	F
94American (	200	800mg/kg/day	3	25938 Adult (P1)	F
94American (	200	800mg/kg/day	3	25938 Adult (P1)	F
94American (	200	800mg/kg/day	3	42736 Fetus	M+F
92.4	25	100mg/kg/day	3	20757 Adult (P1)	F
92.4	25	100mg/kg/day	3	40982 Fetus	M+F
92.4	25	100mg/kg/day	3	23559 Adult (P1)	F
92.4	25	100mg/kg/day	3	23559 Adult (P1)	F
92.4	25	100mg/kg/day	3	41748 Fetus	M+F
92.4	25	100mg/kg/day	3	25083 Adult (P1)	F
92.4	25	100mg/kg/day	3	25083 Adult (P1)	F
92.4	25	100mg/kg/day	3	42666 Fetus	M+F
94American (	42.7	703.4mg/kg/day	4	15009 Adult (P1)	M
94American (	42.7	703.4mg/kg/day	4	33165 Offspring (F1)	M
94American (	42.7	703.4mg/kg/day	4	32171 Offspring (F1)	M
94American (	42.7	703.4mg/kg/day	4	37071 Offspring (F2)	M
94American (	42.7	703.4mg/kg/day	4	36141 Offspring (F2)	M
94American (	42.7	703.4mg/kg/day	4	19466 Adult (P1)	F
94American (	42.7	703.4mg/kg/day	4	34706 Offspring (F1)	F
94American (	42.7	703.4mg/kg/day	4	32647 Offspring (F1)	F
94American (	42.7	703.4mg/kg/day	4	38485 Offspring (F2)	F
94American (	42.7	703.4mg/kg/day	4	36655 Offspring (F2)	F
94American (	42.7	703.4mg/kg/day	4	16788 Adult (P1)	M
94American (	42.7	703.4mg/kg/day	4	33827 Offspring (F1)	M
94American (	42.7	703.4mg/kg/day	4	32267 Offspring (F1)	M
94American (	42.7	703.4mg/kg/day	4	37673 Offspring (F2)	M
94American (	42.7	703.4mg/kg/day	4	36244 Offspring (F2)	M
94American (	42.7	703.4mg/kg/day	4	22746 Adult (P1)	F
94American (	42.7	703.4mg/kg/day	4	35374 Offspring (F1)	F
94American (	42.7	703.4mg/kg/day	4	32691 Offspring (F1)	F
94American (	42.7	703.4mg/kg/day	4	39202 Offspring (F2)	F
94American (	42.7	703.4mg/kg/day	4	36772 Offspring (F2)	F

94American (	42.7	703.4mg/kg/day	4	18290Adult (P1)	M
94American (	42.7	703.4mg/kg/day	4	34012Offspring (F1)	M
94American (	42.7	703.4mg/kg/day	4	32342Offspring (F1)	M
94American (	42.7	703.4mg/kg/day	4	38024Offspring (F2)	M
94American (	42.7	703.4mg/kg/day	4	36460Offspring (F2)	M
94American (	42.7	703.4mg/kg/day	4	25682Adult (P1)	F
94American (	42.7	703.4mg/kg/day	4	35483Offspring (F1)	F
94American (	42.7	703.4mg/kg/day	4	32865Offspring (F1)	F
94American (	42.7	703.4mg/kg/day	4	39432Offspring (F2)	F
94American (	42.7	703.4mg/kg/day	4	36890Offspring (F2)	F
94American (	42.7	703.4mg/kg/day	4	18604Adult (P1)	M
94American (	42.7	703.4mg/kg/day	4	34437Offspring (F1)	M
94American (	42.7	703.4mg/kg/day	4	34437Offspring (F1)	M
94American (	42.7	703.4mg/kg/day	4	32489Offspring (F1)	M
94American (	42.7	703.4mg/kg/day	4	38374Offspring (F2)	M
94American (	42.7	703.4mg/kg/day	4	36535Offspring (F2)	M
94American (	42.7	703.4mg/kg/day	4	26740Adult (P1)	F
94American (	42.7	703.4mg/kg/day	4	35969Offspring (F1)	F
94American (	42.7	703.4mg/kg/day	4	35969Offspring (F1)	F
94American (	42.7	703.4mg/kg/day	4	32978Offspring (F1)	F
94American (	42.7	703.4mg/kg/day	4	39770Offspring (F2)	F
94American (	42.7	703.4mg/kg/day	4	37025Offspring (F2)	F
95American (	62.5	250mg/kg/day	3	47640Adult (P1)	F
95American (	62.5	250mg/kg/day	3	47639Adult (P1)	M
95American (	62.5	250mg/kg/day	3	47642Adult (P1)	F
95American (	62.5	250mg/kg/day	3	47641Adult (P1)	M
95American (	62.5	250mg/kg/day	3	47638Adult (P1)	F
95American (	62.5	250mg/kg/day	3	47643Adult (P1)	M
96.4	17.4	3448mg/kg/day	4	13855Adult (P1)	M
96.4	17.4	3448mg/kg/day	4	27653Adult (P1)	M
96.4	17.4	3448mg/kg/day	4	19694Adult (P1)	F
96.4	17.4	3448mg/kg/day	4	29527Adult (P1)	F
96.4	17.4	3448mg/kg/day	4	15841Adult (P1)	M
96.4	17.4	3448mg/kg/day	4	15841Adult (P1)	M
96.4	17.4	3448mg/kg/day	4	28369Adult (P1)	M
96.4	17.4	3448mg/kg/day	4	28369Adult (P1)	M
96.4	17.4	3448mg/kg/day	4	23261Adult (P1)	F
96.4	17.4	3448mg/kg/day	4	23261Adult (P1)	F
96.4	17.4	3448mg/kg/day	4	30155Adult (P1)	F
96.4	17.4	3448mg/kg/day	4	30155Adult (P1)	F
96.4	17.4	3448mg/kg/day	4	18346Adult (P1)	M
96.4	17.4	3448mg/kg/day	4	18346Adult (P1)	M
96.4	17.4	3448mg/kg/day	4	18346Adult (P1)	M
96.4	17.4	3448mg/kg/day	4	18346Adult (P1)	M
96.4	17.4	3448mg/kg/day	4	18346Adult (P1)	M

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

96Cheminova	5	150mg/kg/day	3	34418 Offspring (F1)	M
96Cheminova	5	150mg/kg/day	3	34418 Offspring (F1)	M
96Cheminova	5	150mg/kg/day	3	34418 Offspring (F1)	M
96Cheminova	5	150mg/kg/day	3	34418 Offspring (F1)	M
96Cheminova	5	150mg/kg/day	3	34418 Offspring (F1)	M
96Cheminova	5	150mg/kg/day	3	34418 Offspring (F1)	M
96Cheminova	5	150mg/kg/day	3	34418 Offspring (F1)	M
96Cheminova	5	150mg/kg/day	3	34418 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55390 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55393 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55405 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55409 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55402 Fetus	M+F
96Cheminova	7.5	1250mg/kg/day	5	55421 Fetus	M+F
96Cheminova	7.5	1250mg/kg/day	5	55397 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55414 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55396 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55413 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55410 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55406 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55422 Fetus	M+F
96Cheminova	7.5	1250mg/kg/day	5	55416 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55415 Offspring (F1)	M
96Cheminova	7.5	1250mg/kg/day	5	55391 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55391 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55391 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55391 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55391 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55391 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55391 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55391 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55391 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55391 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55394 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55394 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55394 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55394 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55394 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55394 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55394 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55394 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55394 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55394 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55394 Adult (P1)	F
96Cheminova	7.5	1250mg/kg/day	5	55403 Fetus	M+F
96Cheminova	7.5	1250mg/kg/day	5	55399 Offspring (F1)	F
96Cheminova	7.5	1250mg/kg/day	5	55398 Offspring (F1)	M

	96Cheminovax	7.5	1250mg/kg/day	5	55411 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55411 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55407 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55423 Fetus	M+F
	96Cheminovax	7.5	1250mg/kg/day	5	55418 Offspring (F1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55418 Offspring (F1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55418 Offspring (F1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55417 Offspring (F1)	M
	96Cheminovax	7.5	1250mg/kg/day	5	55417 Offspring (F1)	M
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55395 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55392 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55392 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55392 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55392 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55392 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55392 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55392 Adult (P1)	F
	96Cheminovax	7.5	1250mg/kg/day	5	55392 Adult (P1)	F
NULL		0.04	4 mg/kg/day	3	20491 Adult (P1)	F
NULL		0.04	4 mg/kg/day	3	22222 Adult (P1)	F
NULL		0.04	4 mg/kg/day	3	22222 Adult (P1)	F
NULL		0.04	4 mg/kg/day	3	25264 Adult (P1)	F
NULL		0.04	4 mg/kg/day	3	25264 Adult (P1)	F
NULL		0.04	4 mg/kg/day	3	25264 Adult (P1)	F
NULL		0.04	4 mg/kg/day	3	25264 Adult (P1)	F
	98Cheminovax	0.0024	0.7937 mg/kg/day	3	47609 Adult (P1)	F
	98Cheminovax	0.0024	0.7937 mg/kg/day	3	47608 Adult (P1)	M
	98Cheminovax	0.0024	0.7937 mg/kg/day	3	47611 Adult (P1)	F
	98Cheminovax	0.0024	0.7937 mg/kg/day	3	47611 Adult (P1)	F
	98Cheminovax	0.0024	0.7937 mg/kg/day	3	47610 Adult (P1)	M
	98Cheminovax	0.0024	0.7937 mg/kg/day	3	47613 Adult (P1)	F
	98Cheminovax	0.0024	0.7937 mg/kg/day	3	47613 Adult (P1)	F
	98Cheminovax	0.0024	0.7937 mg/kg/day	3	47613 Adult (P1)	F

98Cheminov	0.0024	0.7937 mg/kg/day	3	47613 Adult (P1)	F
98Cheminov	0.0024	0.7937 mg/kg/day	3	47613 Adult (P1)	F
98Cheminov	0.0024	0.7937 mg/kg/day	3	47612 Adult (P1)	M
98Cheminov	0.0024	0.7937 mg/kg/day	3	47612 Adult (P1)	M
98Cheminov	0.0024	0.7937 mg/kg/day	3	47612 Adult (P1)	M
98Cheminov	0.0024	0.7937 mg/kg/day	3	47612 Adult (P1)	M
98Cheminov	0.0024	0.7937 mg/kg/day	3	47612 Adult (P1)	M
98Cheminov	0.0024	0.7937 mg/kg/day	3	47612 Adult (P1)	M
96.7	0.05	1 mg/kg/day	3	19963 Adult (P1)	F
96.7	0.05	1 mg/kg/day	3	13819 Adult (P1)	M
96.7	0.05	1 mg/kg/day	3	34552 Offspring (F1)	F
96.7	0.05	1 mg/kg/day	3	33295 Offspring (F1)	M
96.7	0.05	1 mg/kg/day	3	38550 Offspring (F2)	F
96.7	0.05	1 mg/kg/day	3	37379 Offspring (F2)	M
96.7	0.05	1 mg/kg/day	3	23215 Adult (P1)	F
96.7	0.05	1 mg/kg/day	3	23215 Adult (P1)	F
96.7	0.05	1 mg/kg/day	3	23215 Adult (P1)	F
96.7	0.05	1 mg/kg/day	3	16370 Adult (P1)	M
96.7	0.05	1 mg/kg/day	3	16370 Adult (P1)	M
96.7	0.05	1 mg/kg/day	3	35314 Offspring (F1)	F
96.7	0.05	1 mg/kg/day	3	35314 Offspring (F1)	F
96.7	0.05	1 mg/kg/day	3	33599 Offspring (F1)	M
96.7	0.05	1 mg/kg/day	3	33599 Offspring (F1)	M
96.7	0.05	1 mg/kg/day	3	38916 Offspring (F2)	F
96.7	0.05	1 mg/kg/day	3	37661 Offspring (F2)	M
96.7	0.05	1 mg/kg/day	3	25257 Adult (P1)	F
96.7	0.05	1 mg/kg/day	3	25257 Adult (P1)	F
96.7	0.05	1 mg/kg/day	3	25257 Adult (P1)	F
96.7	0.05	1 mg/kg/day	3	25257 Adult (P1)	F
96.7	0.05	1 mg/kg/day	3	18368 Adult (P1)	M
96.7	0.05	1 mg/kg/day	3	18368 Adult (P1)	M
96.7	0.05	1 mg/kg/day	3	18368 Adult (P1)	M
96.7	0.05	1 mg/kg/day	3	35682 Offspring (F1)	F
96.7	0.05	1 mg/kg/day	3	35682 Offspring (F1)	F
96.7	0.05	1 mg/kg/day	3	35682 Offspring (F1)	F
96.7	0.05	1 mg/kg/day	3	35682 Offspring (F1)	F
96.7	0.05	1 mg/kg/day	3	35682 Offspring (F1)	F
96.7	0.05	1 mg/kg/day	3	35682 Offspring (F1)	F
96.7	0.05	1 mg/kg/day	3	35682 Offspring (F1)	F
96.7	0.05	1 mg/kg/day	3	34030 Offspring (F1)	M
96.7	0.05	1 mg/kg/day	3	34030 Offspring (F1)	M
96.7	0.05	1 mg/kg/day	3	34030 Offspring (F1)	M
96.7	0.05	1 mg/kg/day	3	34030 Offspring (F1)	M
96.7	0.05	1 mg/kg/day	3	34030 Offspring (F1)	M
96.7	0.05	1 mg/kg/day	3	34030 Offspring (F1)	M

96.7	0.05	1 mg/kg/day	3	34030 Offspring (F1)	M
96.7	0.05	1 mg/kg/day	3	34030 Offspring (F1)	M
96.7	0.05	1 mg/kg/day	3	39486 Offspring (F2)	F
96.7	0.05	1 mg/kg/day	3	38301 Offspring (F2)	M
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47615 Adult (P1)	F
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47615 Adult (P1)	F
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47614 Adult (P1)	M
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47614 Adult (P1)	M
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47614 Adult (P1)	M
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47617 Adult (P1)	F
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47617 Adult (P1)	F
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47617 Adult (P1)	F
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47616 Adult (P1)	M
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47616 Adult (P1)	M
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47616 Adult (P1)	M
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47619 Adult (P1)	F
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47619 Adult (P1)	F
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47619 Adult (P1)	F
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47618 Adult (P1)	M
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47618 Adult (P1)	M
95.5 Monsanto	0.01	0.1 mg/kg/day	3	47618 Adult (P1)	M

NULL	Bayer Corp	0.1	1.6 mg/kg/day	3	47627 Adult (P1)	F
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NULL	Bayer Corp	0.1	1.6 mg/kg/day	3	47626 Adult (P1)	M
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NULL	Bayer Corp	0.1	1.6 mg/kg/day	3	47629 Adult (P1)	F
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NULL	Bayer Corp	0.1	1.6mg/kg/day	3	47628Adult (P1)	M
NULL	Bayer Corp	0.1	1.6mg/kg/day	3	47631Adult (P1)	F
NULL	Bayer Corp	0.1	1.6mg/kg/day	3	47631Adult (P1)	F
NULL	Bayer Corp	0.1	1.6mg/kg/day	3	47631Adult (P1)	F
NULL	Bayer Corp	0.1	1.6mg/kg/day	3	47631Adult (P1)	F
NULL	Bayer Corp	0.1	1.6mg/kg/day	3	47630Adult (P1)	M
NULL	Bayer Corp	0.1	1.6mg/kg/day	3	47630Adult (P1)	M
NULL	Bayer Corp	0.1	1.6mg/kg/day	3	47630Adult (P1)	M
NULL	Bayer Corp	0.1	1.6mg/kg/day	3	47630Adult (P1)	M
	96.7	8.57	20mg/kg/day	2	19695Adult (P1)	F
	96.7	8.57	20mg/kg/day	2	14472Adult (P1)	M
	96.7	8.57	20mg/kg/day	2	22371Adult (P1)	F
	96.7	8.57	20mg/kg/day	2	16606Adult (P1)	M
	96.7	8.57	20mg/kg/day	2	23851Adult (P1)	F
	96.7	8.57	20mg/kg/day	2	16131Adult (P1)	M
NULL		0.025	2.5mg/kg/day	3	47621Adult (P1)	F
NULL		0.025	2.5mg/kg/day	3	47620Adult (P1)	M
NULL		0.025	2.5mg/kg/day	3	47623Adult (P1)	F
NULL		0.025	2.5mg/kg/day	3	47622Adult (P1)	M

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96.7	0.1	2.47 mg/kg/day	3	24300 Adult (P1)	F
96.7	0.1	2.47 mg/kg/day	3	31136 Adult (P1)	F
96.7	0.1	2.47 mg/kg/day	3	30882 Adult (P1)	F
95.11 Monsanto	0.025	2.5 mg/kg/day	3	47633 Adult (P1)	F
95.11 Monsanto	0.025	2.5 mg/kg/day	3	47632 Adult (P1)	M
95.11 Monsanto	0.025	2.5 mg/kg/day	3	47635 Adult (P1)	F
95.11 Monsanto	0.025	2.5 mg/kg/day	3	47634 Adult (P1)	M
95.11 Monsanto	0.025	2.5 mg/kg/day	3	47637 Adult (P1)	F
95.11 Monsanto	0.025	2.5 mg/kg/day	3	47636 Adult (P1)	M
98 Chem Serv	1.3	1.9 mg/kg/day	2	71266 Offspring (F1)	M
98 Chem Serv	1.3	1.9 mg/kg/day	2	71266 Offspring (F1)	M
98 Chem Serv	1.3	1.9 mg/kg/day	2	71266 Offspring (F1)	M
98 Chem Serv	1.3	1.9 mg/kg/day	2	71266 Offspring (F1)	M
98 Chem Serv	1.3	1.9 mg/kg/day	2	71268 Offspring (F1)	M
98 Chem Serv	1.3	1.9 mg/kg/day	2	71268 Offspring (F1)	M
98 Chem Serv	1.3	1.9 mg/kg/day	2	71268 Offspring (F1)	M
98 Chem Serv	1.3	1.9 mg/kg/day	2	71268 Offspring (F1)	M
98 Chem Serv	1.3	1.9 mg/kg/day	2	71268 Offspring (F1)	M
98 Chem Serv	1.3	1.9 mg/kg/day	2	71268 Offspring (F1)	M
98 Chem Serv	1.3	1.9 mg/kg/day	2	71268 Offspring (F1)	M
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71271 Offspring (F1)	F
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71270 Offspring (F1)	M
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71273 Offspring (F1)	F
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71273 Offspring (F1)	F
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71273 Offspring (F1)	F
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71273 Offspring (F1)	F
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71273 Offspring (F1)	F
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71273 Offspring (F1)	F
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71272 Offspring (F1)	M
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71272 Offspring (F1)	M
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71272 Offspring (F1)	M
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71272 Offspring (F1)	M
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71272 Offspring (F1)	M
NULL Chem Serv	0.1	0.2 mg/kg/day	2	71272 Offspring (F1)	M
NULL Shell Cherr	212.5	425 mg/kg/day	2	78037 Adult (P1)	F
NULL Shell Cherr	212.5	425 mg/kg/day	2	78037 Adult (P1)	F
NULL Shell Cherr	212.5	425 mg/kg/day	2	78037 Adult (P1)	F
NULL Shell Cherr	212.5	425 mg/kg/day	2	78037 Adult (P1)	F
NULL Shell Cherr	212.5	425 mg/kg/day	2	78037 Adult (P1)	F
NULL Shell Cherr	212.5	425 mg/kg/day	2	78035 Adult (P1)	M
NULL Shell Cherr	212.5	425 mg/kg/day	2	78035 Adult (P1)	M
NULL Shell Cherr	212.5	425 mg/kg/day	2	78035 Adult (P1)	M
NULL Shell Cherr	212.5	425 mg/kg/day	2	78038 Adult (P1)	F
NULL Shell Cherr	212.5	425 mg/kg/day	2	78038 Adult (P1)	F
NULL Shell Cherr	212.5	425 mg/kg/day	2	78038 Adult (P1)	F

NULL	Shell Cherr	212.5	425 mg/kg/day	2	78038 Adult (P1)	F
NULL	Shell Cherr	212.5	425 mg/kg/day	2	78038 Adult (P1)	F
NULL	Shell Cherr	212.5	425 mg/kg/day	2	78036 Adult (P1)	M
NULL	Shell Cherr	212.5	425 mg/kg/day	2	78036 Adult (P1)	M
NULL	Shell Cherr	212.5	425 mg/kg/day	2	78036 Adult (P1)	M
NULL	Shell Cherr	212.5	425 mg/kg/day	2	78036 Adult (P1)	M
NULL	Shell Cherr	212.5	425 mg/kg/day	2	78036 Adult (P1)	M
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78041 Adult (P1)	F
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78041 Adult (P1)	F
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78041 Adult (P1)	F
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78041 Adult (P1)	F
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78039 Adult (P1)	M
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78039 Adult (P1)	M
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78039 Adult (P1)	M
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78039 Adult (P1)	M
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78042 Adult (P1)	F
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78042 Adult (P1)	F
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78042 Adult (P1)	F
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78042 Adult (P1)	F
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78042 Adult (P1)	F
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78040 Adult (P1)	M
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78040 Adult (P1)	M
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78040 Adult (P1)	M
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78040 Adult (P1)	M
NULL	Shell Cherr	1200	2400 mg/kg/day	2	78040 Adult (P1)	M
99.6 Hartz Mou		10	200 mg/kg/day	3	59541 Adult (P1)	F
99.6 Hartz Mou		10	200 mg/kg/day	3	59545 Offspring (F1)	F
99.6 Hartz Mou		10	200 mg/kg/day	3	59544 Offspring (F1)	M
99.6 Hartz Mou		10	200 mg/kg/day	3	59542 Adult (P1)	F
99.6 Hartz Mou		10	200 mg/kg/day	3	59547 Offspring (F1)	F
99.6 Hartz Mou		10	200 mg/kg/day	3	59546 Offspring (F1)	M
99.6 Hartz Mou		10	200 mg/kg/day	3	59543 Adult (P1)	F
99.6 Hartz Mou		10	200 mg/kg/day	3	59549 Offspring (F1)	F
99.6 Hartz Mou		10	200 mg/kg/day	3	59549 Offspring (F1)	F
99.6 Hartz Mou		10	200 mg/kg/day	3	59549 Offspring (F1)	F
99.6 Hartz Mou		10	200 mg/kg/day	3	59549 Offspring (F1)	F
99.6 Hartz Mou		10	200 mg/kg/day	3	59549 Offspring (F1)	F
99.6 Hartz Mou		10	200 mg/kg/day	3	59548 Offspring (F1)	M
99.6 Hartz Mou		10	200 mg/kg/day	3	59548 Offspring (F1)	M
99.6 Hartz Mou		10	200 mg/kg/day	3	59548 Offspring (F1)	M
99.6 Hartz Mou		10	200 mg/kg/day	3	59548 Offspring (F1)	M
99.6 Hartz Mou		10	200 mg/kg/day	3	59548 Offspring (F1)	M
99.6 Hartz Mou		10	200 mg/kg/day	3	59548 Offspring (F1)	M
99.6 Hartz Mou		10	200 mg/kg/day	3	59548 Offspring (F1)	M
99.6 Hartz Mou		10	200 mg/kg/day	3	59548 Offspring (F1)	M
95.21 Monsanto		63	1623 mg/kg/day	3	14704 Adult (P1)	M

95.21 Monsanto	63	1623 mg/kg/day	3	14704 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	14704 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	21460 Adult (P1)	F
95.21 Monsanto	63	1623 mg/kg/day	3	21460 Adult (P1)	F
95.21 Monsanto	63	1623 mg/kg/day	3	15420 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	15420 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	15420 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	22058 Adult (P1)	F
95.21 Monsanto	63	1623 mg/kg/day	3	22058 Adult (P1)	F
95.21 Monsanto	63	1623 mg/kg/day	3	17063 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	17063 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	17063 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	17063 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	17063 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	17063 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	17063 Adult (P1)	M
95.21 Monsanto	63	1623 mg/kg/day	3	24710 Adult (P1)	F
95.21 Monsanto	63	1623 mg/kg/day	3	24710 Adult (P1)	F
98.7 Monsanto	75	350 mg/kg/day	3	19631 Adult (P1)	F
98.7 Monsanto	75	350 mg/kg/day	3	41275 Fetus	M+F
98.7 Monsanto	75	350 mg/kg/day	3	22872 Adult (P1)	F
98.7 Monsanto	75	350 mg/kg/day	3	41446 Fetus	M+F
98.7 Monsanto	75	350 mg/kg/day	3	25776 Adult (P1)	F
98.7 Monsanto	75	350 mg/kg/day	3	25776 Adult (P1)	F
98.7 Monsanto	75	350 mg/kg/day	3	25776 Adult (P1)	F
98.7 Monsanto	75	350 mg/kg/day	3	25776 Adult (P1)	F
98.7 Monsanto	75	350 mg/kg/day	3	42772 Fetus	M+F
98.7 Monsanto	300	3500 mg/kg/day	3	20048 Adult (P1)	F
98.7 Monsanto	300	3500 mg/kg/day	3	41012 Fetus	M+F
98.7 Monsanto	300	3500 mg/kg/day	3	22771 Adult (P1)	F
98.7 Monsanto	300	3500 mg/kg/day	3	41961 Fetus	M+F
98.7 Monsanto	300	3500 mg/kg/day	3	25654 Adult (P1)	F
98.7 Monsanto	300	3500 mg/kg/day	3	25654 Adult (P1)	F
98.7 Monsanto	300	3500 mg/kg/day	3	25654 Adult (P1)	F
98.7 Monsanto	300	3500 mg/kg/day	3	25654 Adult (P1)	F
98.7 Monsanto	300	3500 mg/kg/day	3	25654 Adult (P1)	F
98.7 Monsanto	300	3500 mg/kg/day	3	25654 Adult (P1)	F
98.7 Monsanto	300	3500 mg/kg/day	3	25654 Adult (P1)	F
98.7 Monsanto	300	3500 mg/kg/day	3	25654 Adult (P1)	F
98.7 Monsanto	300	3500 mg/kg/day	3	42289 Fetus	M+F
98.7 Monsanto	300	3500 mg/kg/day	3	42289 Fetus	M+F
98.7 Monsanto	300	3500 mg/kg/day	3	42289 Fetus	M+F
98.7 Monsanto	300	3500 mg/kg/day	3	42289 Fetus	M+F
98.7	3	30 mg/kg/day	3	45938 Adult (P1)	F

98.7	3	30mg/kg/day	3	45937 Adult (P1)	M
98.7	3	30mg/kg/day	3	45944 Offspring (F1)	F
98.7	3	30mg/kg/day	3	45962 Offspring (F1)	F
98.7	3	30mg/kg/day	3	45943 Offspring (F1)	M
98.7	3	30mg/kg/day	3	45961 Offspring (F1)	M
98.7	3	30mg/kg/day	3	45950 Offspring (F2)	F
98.7	3	30mg/kg/day	3	45968 Offspring (F2)	F
98.7	3	30mg/kg/day	3	45949 Offspring (F2)	M
98.7	3	30mg/kg/day	3	45967 Offspring (F2)	M
98.7	3	30mg/kg/day	3	45956 Offspring (F3)	F
98.7	3	30mg/kg/day	3	45974 Offspring (F3)	F
98.7	3	30mg/kg/day	3	45955 Offspring (F3)	M
98.7	3	30mg/kg/day	3	45973 Offspring (F3)	M
98.7	3	30mg/kg/day	3	45940 Adult (P1)	F
98.7	3	30mg/kg/day	3	45939 Adult (P1)	M
98.7	3	30mg/kg/day	3	45946 Offspring (F1)	F
98.7	3	30mg/kg/day	3	45964 Offspring (F1)	F
98.7	3	30mg/kg/day	3	45945 Offspring (F1)	M
98.7	3	30mg/kg/day	3	45963 Offspring (F1)	M
98.7	3	30mg/kg/day	3	45952 Offspring (F2)	F
98.7	3	30mg/kg/day	3	45970 Offspring (F2)	F
98.7	3	30mg/kg/day	3	45951 Offspring (F2)	M
98.7	3	30mg/kg/day	3	45969 Offspring (F2)	M
98.7	3	30mg/kg/day	3	45958 Offspring (F3)	F
98.7	3	30mg/kg/day	3	45976 Offspring (F3)	F
98.7	3	30mg/kg/day	3	45957 Offspring (F3)	M
98.7	3	30mg/kg/day	3	45975 Offspring (F3)	M
98.7	3	30mg/kg/day	3	45942 Adult (P1)	F
98.7	3	30mg/kg/day	3	45941 Adult (P1)	M
98.7	3	30mg/kg/day	3	45948 Offspring (F1)	F
98.7	3	30mg/kg/day	3	45966 Offspring (F1)	F
98.7	3	30mg/kg/day	3	45947 Offspring (F1)	M
98.7	3	30mg/kg/day	3	45965 Offspring (F1)	M
98.7	3	30mg/kg/day	3	45954 Offspring (F2)	F
98.7	3	30mg/kg/day	3	45972 Offspring (F2)	F
98.7	3	30mg/kg/day	3	45953 Offspring (F2)	M
98.7	3	30mg/kg/day	3	45971 Offspring (F2)	M
98.7	3	30mg/kg/day	3	45960 Offspring (F3)	F
98.7	3	30mg/kg/day	3	45978 Offspring (F3)	F
98.7	3	30mg/kg/day	3	45959 Offspring (F3)	M
98.7	3	30mg/kg/day	3	45977 Offspring (F3)	M
97.67 Monsanto	100	1500mg/kg/day	3	20813 Adult (P1)	F
97.67 Monsanto	100	1500mg/kg/day	3	14244 Adult (P1)	M
97.67 Monsanto	100	1500mg/kg/day	3	34699 Offspring (F1)	F
97.67 Monsanto	100	1500mg/kg/day	3	33149 Offspring (F1)	M

97.67 Monsanto	100	1500mg/kg/day	3	38616 Offspring (F2)	F
97.67 Monsanto	100	1500mg/kg/day	3	36658 Offspring (F2)	F
97.67 Monsanto	100	1500mg/kg/day	3	37350 Offspring (F2)	M
97.67 Monsanto	100	1500mg/kg/day	3	36180 Offspring (F2)	M
97.67 Monsanto	100	1500mg/kg/day	3	22479 Adult (P1)	F
97.67 Monsanto	100	1500mg/kg/day	3	15851 Adult (P1)	M
97.67 Monsanto	100	1500mg/kg/day	3	35080 Offspring (F1)	F
97.67 Monsanto	100	1500mg/kg/day	3	33783 Offspring (F1)	M
97.67 Monsanto	100	1500mg/kg/day	3	39195 Offspring (F2)	F
97.67 Monsanto	100	1500mg/kg/day	3	36728 Offspring (F2)	F
97.67 Monsanto	100	1500mg/kg/day	3	37696 Offspring (F2)	M
97.67 Monsanto	100	1500mg/kg/day	3	36363 Offspring (F2)	M
97.67 Monsanto	100	1500mg/kg/day	3	24776 Adult (P1)	F
97.67 Monsanto	100	1500mg/kg/day	3	24776 Adult (P1)	F
97.67 Monsanto	100	1500mg/kg/day	3	17438 Adult (P1)	M
97.67 Monsanto	100	1500mg/kg/day	3	17438 Adult (P1)	M
97.67 Monsanto	100	1500mg/kg/day	3	35837 Offspring (F1)	F
97.67 Monsanto	100	1500mg/kg/day	3	35837 Offspring (F1)	F
97.67 Monsanto	100	1500mg/kg/day	3	35837 Offspring (F1)	F
97.67 Monsanto	100	1500mg/kg/day	3	35837 Offspring (F1)	F
97.67 Monsanto	100	1500mg/kg/day	3	35837 Offspring (F1)	F
97.67 Monsanto	100	1500mg/kg/day	3	34300 Offspring (F1)	M
97.67 Monsanto	100	1500mg/kg/day	3	34300 Offspring (F1)	M
97.67 Monsanto	100	1500mg/kg/day	3	34300 Offspring (F1)	M
97.67 Monsanto	100	1500mg/kg/day	3	34300 Offspring (F1)	M
97.67 Monsanto	100	1500mg/kg/day	3	39650 Offspring (F2)	F
97.67 Monsanto	100	1500mg/kg/day	3	39650 Offspring (F2)	F
97.67 Monsanto	100	1500mg/kg/day	3	36925 Offspring (F2)	F
97.67 Monsanto	100	1500mg/kg/day	3	36925 Offspring (F2)	F
97.67 Monsanto	100	1500mg/kg/day	3	38015 Offspring (F2)	M
97.67 Monsanto	100	1500mg/kg/day	3	38015 Offspring (F2)	M
97.67 Monsanto	100	1500mg/kg/day	3	36501 Offspring (F2)	M
97.67 Monsanto	100	1500mg/kg/day	3	36501 Offspring (F2)	M
96.13	20	500mg/kg/day	3	45990 Adult (P1)	F
96.13	20	500mg/kg/day	3	45987 Adult (P1)	M
96.13	20	500mg/kg/day	3	45991 Adult (P1)	F
96.13	20	500mg/kg/day	3	45988 Adult (P1)	M
96.13	20	500mg/kg/day	3	45992 Adult (P1)	F
96.13	20	500mg/kg/day	3	45989 Adult (P1)	M
99.7	150	4500mg/kg/day	3	46002 Adult (P1)	F
99.7	150	4500mg/kg/day	3	45999 Adult (P1)	M
99.7	150	4500mg/kg/day	3	46003 Adult (P1)	F
99.7	150	4500mg/kg/day	3	46000 Adult (P1)	M
99.7	150	4500mg/kg/day	3	46004 Adult (P1)	F
99.7	150	4500mg/kg/day	3	46004 Adult (P1)	F

99.7	150	4500mg/kg/day	3	46004 Adult (P1)	F
99.7	150	4500mg/kg/day	3	46004 Adult (P1)	F
99.7	150	4500mg/kg/day	3	46004 Adult (P1)	F
99.7	150	4500mg/kg/day	3	46001 Adult (P1)	M
99.7	150	4500mg/kg/day	3	46001 Adult (P1)	M
99.7	150	4500mg/kg/day	3	46001 Adult (P1)	M
99.7	150	4500mg/kg/day	3	46001 Adult (P1)	M
99.7	150	4500mg/kg/day	3	46001 Adult (P1)	M
99.7	150	4500mg/kg/day	3	46001 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46011 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46017 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46014 Adult (P1)	F
96.5	89	1183mg/kg/day	3	46020 Adult (P1)	F
96.5	89	1183mg/kg/day	3	46012 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46018 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46015 Adult (P1)	F
96.5	89	1183mg/kg/day	3	46021 Adult (P1)	F
96.5	89	1183mg/kg/day	3	46013 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46013 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46013 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46013 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46013 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46013 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46013 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46013 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46013 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46019 Adult (P1)	M
96.5	89	1183mg/kg/day	3	46016 Adult (P1)	F
96.5	89	1183mg/kg/day	3	46016 Adult (P1)	F
96.5	89	1183mg/kg/day	3	46016 Adult (P1)	F
96.5	89	1183mg/kg/day	3	46022 Adult (P1)	F
98.7	3.05	34.02mg/kg/day	3	46037 Adult (P1)	M
98.7	3.05	34.02mg/kg/day	3	46040 Adult (P1)	F
98.7	3.05	34.02mg/kg/day	3	46038 Adult (P1)	M
98.7	3.05	34.02mg/kg/day	3	46041 Adult (P1)	F
98.7	3.05	34.02mg/kg/day	3	46039 Adult (P1)	M
98.7	3.05	34.02mg/kg/day	3	46042 Adult (P1)	F

dosing_per_dose_level	dose	tg_dose_u	duration	duration_uno_animal	effect_type	effect_target
Initial-to-Tx	1	0.03 mg/kg/day	90 day	15	NULL	NULL
Initial-to-Tx	1	0.04 mg/kg/day	90 day	15	NULL	NULL
Initial-to-Tx	2	0.3 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	2	0.4 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	2	0.4 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	3	15 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	3	15 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	3	19 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	3	19 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	3	19 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	4	168 mg/kg/day	90 day	15	In-Life Obs	Body Weight
Initial-to-Tx	4	168 mg/kg/day	90 day	15	In-Life Obs	Clinical Sign
Initial-to-Tx	4	168 mg/kg/day	90 day	15	In-Life Obs	Clinical Sign
Initial-to-Tx	4	168 mg/kg/day	90 day	15	In-Life Obs	Clinical Sign
Initial-to-Tx	4	168 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	4	168 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	4	168 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	4	212 mg/kg/day	90 day	15	In-Life Obs	Body Weight
Initial-to-Tx	4	212 mg/kg/day	90 day	15	In-Life Obs	Clinical Sign
Initial-to-Tx	4	212 mg/kg/day	90 day	15	In-Life Obs	Clinical Sign
Initial-to-Tx	4	212 mg/kg/day	90 day	15	Organ Wei	Liver
Initial-to-Tx	4	212 mg/kg/day	90 day	15	Organ Wei	Liver
Initial-to-Tx	4	212 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	4	212 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	4	212 mg/kg/day	90 day	15	Pathology	Clinical Chem
Initial-to-Tx	4	212 mg/kg/day	90 day	15	Pathology	Hematology
Initial-to-Tx	4	212 mg/kg/day	90 day	15	Pathology	Hematology
Initial-to-Tx	4	212 mg/kg/day	90 day	15	Pathology	Hematology
Initial-to-Tx	4	212 mg/kg/day	90 day	15	Pathology	Hematology
Initial-to-Tx	4	212 mg/kg/day	90 day	15	Pathology	Liver
Initial-to-Tx	1	0.0034 mg/kg/day	90 day	4	NULL	NULL
Initial-to-Tx	1	0.0037 mg/kg/day	90 day	4	NULL	NULL
Initial-to-Tx	2	0.02 mg/kg/day	90 day	4	NULL	NULL
Initial-to-Tx	2	0.021 mg/kg/day	90 day	4	NULL	NULL
Initial-to-Tx	3	5.6 mg/kg/day	90 day	4	NULL	NULL
Initial-to-Tx	3	5.9 mg/kg/day	90 day	4	NULL	NULL
Initial-to-Tx	4	10.9 mg/kg/day	90 day	4	NULL	NULL
Initial-to-Tx	4	11.6 mg/kg/day	90 day	4	NULL	NULL
Initial-to-Tx	1	10 mg/kg/day	10 day	27	NULL	NULL
Initial-to-Tx	1	10 mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-Tx	2	20 mg/kg/day	10 day	27	NULL	NULL
Initial-to-Tx	2	20 mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-Tx	3	100 mg/kg/day	10 day	27	In-Life Obs	Body Weight
Initial-to-Tx	3	100 mg/kg/day	10 day	27	Reproduct	Reproduct

Initial-to-T	3	100mg/kg/day	10 day		27	Reproduct	Reproduct
Initial-to-T	3	100mg/kg/day	10 day		27	Reproduct	Reproduct
Initial-to-T	3	100mg/kg/day	10 day		27	Reproduct	Reproduct
Initial-to-T	3	100mg/kg/day	NULL	NULL		Developm	Bone
Initial-to-T	3	100mg/kg/day	NULL	NULL		Developm	Bone
Initial-to-T	3	100mg/kg/day	NULL	NULL		In-Life Obs	Body Weig
Initial-to-T	1	7 mg/kg/day	13 day		18	NULL	NULL
Initial-to-T	1	7 mg/kg/day	NULL	NULL		NULL	NULL
Initial-to-T	2	25 mg/kg/day	13 day		19	NULL	NULL
Initial-to-T	2	25 mg/kg/day	NULL	NULL		NULL	NULL
Initial-to-T	3	100mg/kg/day	13 day		22	In-Life Obs	Body Weig
Initial-to-T	3	100mg/kg/day	13 day		22	In-Life Obs	Clinical Sig
Initial-to-T	3	100mg/kg/day	13 day		22	In-Life Obs	Clinical Sig
Initial-to-T	3	100mg/kg/day	13 day		22	Pathology	Stomach
Initial-to-T	3	100mg/kg/day	13 day		22	Pathology	Stomach
Initial-to-T	3	100mg/kg/day	13 day		22	Pathology	Stomach
Initial-to-T	3	100mg/kg/day	13 day		22	Reproduct	Maternal V
Initial-to-T	3	100mg/kg/day	NULL	NULL		NULL	NULL
Initial-to-T	1	0.67 mg/kg/day	10 week		30	NULL	NULL
Initial-to-T	1	0.67 mg/kg/day	NULL		30	NULL	NULL
Initial-to-T	1	0.67 mg/kg/day	NULL	NULL		NULL	NULL
Initial-to-T	1	0.77 mg/kg/day	10 week		30	NULL	NULL
Initial-to-T	1	0.77 mg/kg/day	NULL		30	NULL	NULL
Initial-to-T	1	0.77 mg/kg/day	NULL	NULL		NULL	NULL
Initial-to-T	2	6.69 mg/kg/day	10 week		30	NULL	NULL
Initial-to-T	2	6.69 mg/kg/day	NULL		30	In-Life Obs	Body Weig
Initial-to-T	2	6.69 mg/kg/day	NULL		30	In-Life Obs	Body Weig
Initial-to-T	2	6.69 mg/kg/day	NULL		30	Reproduct	Offspring S
Initial-to-T	2	6.69 mg/kg/day	NULL	NULL		NULL	NULL
Initial-to-T	2	7.63 mg/kg/day	10 week		30	NULL	NULL
Initial-to-T	2	7.63 mg/kg/day	NULL		30	In-Life Obs	Body Weig
Initial-to-T	2	7.63 mg/kg/day	NULL		30	In-Life Obs	Body Weig
Initial-to-T	2	7.63 mg/kg/day	NULL		30	Reproduct	Offspring S
Initial-to-T	2	7.63 mg/kg/day	NULL	NULL		NULL	NULL
Initial-to-T	3	35.15 mg/kg/day	10 week		30	NULL	NULL
Initial-to-T	3	35.15 mg/kg/day	NULL		30	In-Life Obs	Body Weig
Initial-to-T	3	35.15 mg/kg/day	NULL		30	In-Life Obs	Body Weig
Initial-to-T	3	35.15 mg/kg/day	NULL		30	Reproduct	Offspring S
Initial-to-T	3	35.15 mg/kg/day	NULL		30	Reproduct	Offspring S
Initial-to-T	3	35.15 mg/kg/day	NULL		30	Reproduct	Offspring S
Initial-to-T	3	35.15 mg/kg/day	NULL		30	Reproduct	Reproduct
Initial-to-T	3	35.15 mg/kg/day	NULL		30	Reproduct	Reproduct
Initial-to-T	3	35.15 mg/kg/day	NULL		30	Reproduct	Reproduct
Initial-to-T	3	35.15 mg/kg/day	NULL	NULL		In-Life Obs	Body Weig
Initial-to-T	3	35.15 mg/kg/day	NULL	NULL		Reproduct	Offspring S

Initial-to-T	3	35.15 mg/kg/day	NULL	NULL	Reproduct Offspring S
Initial-to-T	3	35.15 mg/kg/day	NULL	NULL	Reproduct Offspring S
Initial-to-T	3	41.43 mg/kg/day	10 week	30	In-Life ObsClinical Sig
Initial-to-T	3	41.43 mg/kg/day	10 week	30	In-Life ObsMortality
Initial-to-T	3	41.43 mg/kg/day	10 week	30	Reproduct Reproduct
Initial-to-T	3	41.43 mg/kg/day	10 week	30	Reproduct [Clinical]
Initial-to-T	3	41.43 mg/kg/day	NULL	30	In-Life ObsBody Weig
Initial-to-T	3	41.43 mg/kg/day	NULL	30	In-Life ObsBody Weig
Initial-to-T	3	41.43 mg/kg/day	NULL	30	Reproduct Offspring S
Initial-to-T	3	41.43 mg/kg/day	NULL	30	Reproduct Offspring S
Initial-to-T	3	41.43 mg/kg/day	NULL	30	Reproduct Reproduct
Initial-to-T	3	41.43 mg/kg/day	NULL	30	Reproduct Reproduct
Initial-to-T	3	41.43 mg/kg/day	NULL	30	Reproduct Reproduct
Initial-to-T	3	41.43 mg/kg/day	NULL	NULL	In-Life ObsBody Weig
Initial-to-T	3	41.43 mg/kg/day	NULL	NULL	Reproduct Offspring S
Initial-to-T	3	41.43 mg/kg/day	NULL	NULL	Reproduct Offspring S
Initial-to-T	3	41.43 mg/kg/day	NULL	NULL	Reproduct Offspring S
Initial-to-T	1	0.5 mg/kg/day	12 week	30	NULL NULL
Initial-to-T	1	0.5 mg/kg/day	12 week	30	NULL NULL
Initial-to-T	1	0.5 mg/kg/day	NULL	NULL	NULL
Second Ma	1	0.5 mg/kg/day	NULL	NULL	NULL
Initial-to-T	1	0.5 mg/kg/day	NULL	NULL	NULL
Second Ma	1	0.5 mg/kg/day	NULL	NULL	NULL
Initial-to-T	2	5 mg/kg/day	12 week	30	NULL NULL
Initial-to-T	2	5 mg/kg/day	12 week	30	NULL NULL
Initial-to-T	2	5 mg/kg/day	NULL	NULL	NULL
Second Ma	2	5 mg/kg/day	NULL	NULL	NULL
Initial-to-T	2	5 mg/kg/day	NULL	NULL	NULL
Second Ma	2	5 mg/kg/day	NULL	NULL	NULL
Initial-to-T	3	50 mg/kg/day	12 week	30	NULL NULL
Initial-to-T	3	50 mg/kg/day	12 week	30	NULL NULL
Initial-to-T	3	50 mg/kg/day	NULL	NULL	NULL
Second Ma	3	50 mg/kg/day	NULL	NULL	NULL
Initial-to-T	3	50 mg/kg/day	NULL	NULL	NULL
Second Ma	3	50 mg/kg/day	NULL	NULL	NULL
Initial-to-T	1	0.5 mg/kg/day	24 month	20	NULL NULL
Initial-to-T	1	0.5 mg/kg/day	24 month	20	NULL NULL
Initial-to-T	2	5 mg/kg/day	24 month	20	NULL NULL
Initial-to-T	2	5 mg/kg/day	24 month	20	NULL NULL
Initial-to-T	3	50 mg/kg/day	24 month	20	NULL NULL
Initial-to-T	1	0.0032 mg/kg/day	52 week	4	NULL NULL
Initial-to-T	1	0.0037 mg/kg/day	52 week	4	Organ WeiLung
Initial-to-T	2	0.015 mg/kg/day	52 week	4	Pathology Clinical Ch
Initial-to-T	2	0.02 mg/kg/day	52 week	4	Organ WeiLung
Initial-to-T	2	0.02 mg/kg/day	52 week	4	Pathology Clinical Ch

Initial-to-T	2	0.02 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	3	4.5 mg/kg/day	52 week	4 In-Life ObsFood Cons
Initial-to-T	3	4.5 mg/kg/day	52 week	4 Organ WeiLung
Initial-to-T	3	4.5 mg/kg/day	52 week	4 Organ WeiLung
Initial-to-T	3	4.5 mg/kg/day	52 week	4 Organ WeiSalivary gla
Initial-to-T	3	4.5 mg/kg/day	52 week	4 Organ WeiSalivary gla
Initial-to-T	3	4.5 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	3	4.5 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	3	4.5 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	3	4.7 mg/kg/day	52 week	4 In-Life ObsBody Weig
Initial-to-T	3	4.7 mg/kg/day	52 week	4 In-Life ObsBody Weig
Initial-to-T	3	4.7 mg/kg/day	52 week	4 In-Life ObsFood Cons
Initial-to-T	3	4.7 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	3	4.7 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	3	4.7 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	3	4.7 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	4	7.7 mg/kg/day	52 week	4 In-Life ObsBody Weig
Initial-to-T	4	7.7 mg/kg/day	52 week	4 In-Life ObsBody Weig
Initial-to-T	4	7.7 mg/kg/day	52 week	4 In-Life ObsClinical Sig
Initial-to-T	4	7.7 mg/kg/day	52 week	4 In-Life ObsClinical Sig
Initial-to-T	4	7.7 mg/kg/day	52 week	4 In-Life ObsFood Cons
Initial-to-T	4	7.7 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	4	7.7 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	4	7.7 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	4	7.7 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	4	9.1 mg/kg/day	52 week	4 In-Life ObsBody Weig
Initial-to-T	4	9.1 mg/kg/day	52 week	4 In-Life ObsBody Weig
Initial-to-T	4	9.1 mg/kg/day	52 week	4 In-Life ObsFood Cons
Initial-to-T	4	9.1 mg/kg/day	52 week	4 Organ WeiLung
Initial-to-T	4	9.1 mg/kg/day	52 week	4 Organ WeiLung
Initial-to-T	4	9.1 mg/kg/day	52 week	4 Organ WeiSalivary gla
Initial-to-T	4	9.1 mg/kg/day	52 week	4 Organ WeiSalivary gla
Initial-to-T	4	9.1 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	4	9.1 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	4	9.1 mg/kg/day	52 week	4 Pathology Clinical Che
Initial-to-T	1	0.004 mg/kg/day	98 week	20 NULL NULL
Interim Sac	1	0.004 mg/kg/day	52 week	10 NULL NULL
Initial-to-T	1	0.005 mg/kg/day	98 week	20 NULL NULL
Interim Sac	1	0.005 mg/kg/day	52 week	10 NULL NULL
Initial-to-T	2	0.06 mg/kg/day	98 week	20 Pathology Clinical Che
Interim Sac	2	0.06 mg/kg/day	52 week	10 NULL NULL
Initial-to-T	2	0.07 mg/kg/day	98 week	20 Pathology Clinical Che
Interim Sac	2	0.07 mg/kg/day	52 week	10 NULL NULL

Initial-to-T	3	5 mg/kg/day	98week	20Pathology Clinical Che
Initial-to-T	3	5 mg/kg/day	98week	20Pathology Clinical Che
Initial-to-T	3	5 mg/kg/day	98week	20Pathology Clinical Che
Interim Sac	3	5 mg/kg/day	52week	10NULL NULL
Initial-to-T	3	6 mg/kg/day	98week	20Pathology Clinical Che
Initial-to-T	3	6 mg/kg/day	98week	20Pathology Clinical Che
Initial-to-T	3	6 mg/kg/day	98week	20Pathology Clinical Che
Interim Sac	3	6 mg/kg/day	52week	10NULL NULL
Initial-to-T	4	10 mg/kg/day	98week	20Pathology Clinical Che
Initial-to-T	4	10 mg/kg/day	98week	20Pathology Clinical Che
Initial-to-T	4	10 mg/kg/day	98week	20Pathology Clinical Che
Interim Sac	4	10 mg/kg/day	52week	10NULL NULL
Recovery	4	10 mg/kg/day	4week	10NULL NULL
Initial-to-T	4	12 mg/kg/day	98week	20Pathology Clinical Che
Initial-to-T	4	12 mg/kg/day	98week	20Pathology Clinical Che
Initial-to-T	4	12 mg/kg/day	98week	20Pathology Clinical Che
Interim Sac	4	12 mg/kg/day	52week	10NULL NULL
Recovery	4	12 mg/kg/day	4week	10NULL NULL
Initial-to-T	1	14 mg/kg/day	103week	50NULL NULL
Initial-to-T	1	14 mg/kg/day	103week	50NULL NULL
Initial-to-T	2	29 mg/kg/day	103week	50NULL NULL
Initial-to-T	2	29 mg/kg/day	103week	50NULL NULL
Initial-to-T	1	20 mg/kg/day	103week	50NULL NULL
Initial-to-T	1	20 mg/kg/day	103week	50NULL NULL
Initial-to-T	2	40 mg/kg/day	103week	50NULL NULL
Initial-to-T	2	40 mg/kg/day	103week	50NULL NULL
Initial-to-T	1	0.026 mg/kg/day	38day	27NULL NULL
Initial-to-T	1	0.026 mg/kg/dayNULL		NULL NULL NULL
Initial-to-T	1	0.026 mg/kg/dayNULL		NULL NULL NULL
Initial-to-T	2	2.36 mg/kg/day	38day	27Pathology Clinical Che
Initial-to-T	2	2.36 mg/kg/day	38day	27Pathology Clinical Che
Initial-to-T	2	2.36 mg/kg/day	38day	27Pathology Clinical Che
Initial-to-T	2	2.36 mg/kg/dayNULL		NULL Pathology Clinical Che
Initial-to-T	2	2.36 mg/kg/dayNULL		NULL Pathology Clinical Che
Initial-to-T	2	2.36 mg/kg/dayNULL		NULL Pathology Clinical Che
Initial-to-T	3	24.2 mg/kg/day	38day	27Pathology Clinical Che
Initial-to-T	3	24.2 mg/kg/day	38day	27Pathology Clinical Che
Initial-to-T	3	24.2 mg/kg/day	38day	27Pathology Clinical Che
Initial-to-T	3	24.2 mg/kg/dayNULL		NULL In-Life ObsBody Weig
Initial-to-T	3	24.2 mg/kg/dayNULL		NULL In-Life ObsBody Weig
Initial-to-T	3	24.2 mg/kg/dayNULL		NULL Pathology Clinical Che
Initial-to-T	3	24.2 mg/kg/dayNULL		NULL Pathology Clinical Che
Initial-to-T	3	24.2 mg/kg/dayNULL		NULL Pathology Clinical Che
Initial-to-T	3	24.2 mg/kg/dayNULL		NULL ReproductSexual Dev
Initial-to-T	3	24.2 mg/kg/dayNULL		NULL In-Life ObsBody Weig

Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning a	Maze
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning a	Maze
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning a	Maze
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning a	Maze
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning a	Maze
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning a	Maze
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Pathology	Clinical Che
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Pathology	Clinical Che
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Pathology	Clinical Che
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Reproduct	Sexual Dev
Initial-to-T	1	0.0125 mg/kg/day	38 day	10	NULL	NULL
Initial-to-T	1	0.0125 mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	1	0.0125 mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	2	0.063 mg/kg/day	38 day	10	Pathology	Clinical Che
Initial-to-T	2	0.063 mg/kg/day	38 day	10	Pathology	Clinical Che
Initial-to-T	2	0.063 mg/kg/day	38 day	10	Pathology	Clinical Che
Initial-to-T	2	0.063 mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	2	0.063 mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	3	6.56 mg/kg/day	38 day	10	Pathology	Clinical Che
Initial-to-T	3	6.56 mg/kg/day	38 day	10	Pathology	Clinical Che
Initial-to-T	3	6.56 mg/kg/day	38 day	10	Pathology	Clinical Che
Initial-to-T	3	6.56 mg/kg/day	NULL	NULL	Pathology	Clinical Che
Initial-to-T	3	6.56 mg/kg/day	NULL	NULL	Pathology	Clinical Che
Initial-to-T	4	38.06 mg/kg/day	38 day	10	In-Life Obs	Body Weig
Initial-to-T	4	38.06 mg/kg/day	38 day	10	In-Life Obs	Clinical Sig
Initial-to-T	4	38.06 mg/kg/day	38 day	10	In-Life Obs	Clinical Sig
Initial-to-T	4	38.06 mg/kg/day	38 day	10	Pathology	Clinical Che
Initial-to-T	4	38.06 mg/kg/day	38 day	10	Pathology	Clinical Che
Initial-to-T	4	38.06 mg/kg/day	38 day	10	Pathology	Clinical Che
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	Neurotoxic	Motor acti
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	Pathology	Clinical Che
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	Pathology	Clinical Che
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	Pathology	Clinical Che
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	Pathology	Clinical Che
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	Pathology	Clinical Che
Initial-to-T	3	1250 mg/kg/day	27 day	10	In-Life Obs	Clinical Sig
Initial-to-T	3	1250 mg/kg/day	27 day	10	In-Life Obs	Food Cons
Initial-to-T	3	1250 mg/kg/day	27 day	10	Reproduct	Maternal V
Initial-to-T	3	1250 mg/kg/day	NULL	NULL	Pathology	Clinical Che

Initial-to-T	3	1250 mg/kg/day	11 day	NULL	NULL	NULL
Initial-to-T	3	1250 mg/kg/day	11 day	NULL	NULL	NULL
Satellite	4	150 mg/kg/day	27 day		10 In-Life Obs	Clinical Sig
Satellite	4	150 mg/kg/day	15 day		5 In-Life Obs	Clinical Sig
Satellite	4	150 mg/kg/day	15 day		5 Pathology	Clinical Ch
Satellite	4	150 mg/kg/day	NULL	NULL	Pathology	Clinical Ch
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Initial-to-T	4	200 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	4	200 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	4	200 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Initial-to-T	4	200 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Initial-to-T	4	200 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	4	200 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	4	200 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Initial-to-T	4	200 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Initial-to-T	4	200 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Mortality
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Clinical Sig
Initial-to-T	5	450 mg/kg/day	11 day	NULL	In-Life Obs	Mortality
Initial-to-T	1	5 mg/kg/day	11 day		16 NULL	NULL
Initial-to-T	1	5 mg/kg/day	1 day		16 NULL	NULL
Initial-to-T	1	5 mg/kg/day	15 day		9 NULL	NULL
Initial-to-T	1	5 mg/kg/day	27 day		10 NULL	NULL
Initial-to-T	1	5 mg/kg/day	11 day		16 NULL	NULL
Initial-to-T	1	5 mg/kg/day	1 day		16 NULL	NULL
Initial-to-T	1	5 mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	1	5 mg/kg/day	11 day	NULL	Pathology	Clinical Ch
Initial-to-T	1	5 mg/kg/day	1 day	NULL	NULL	NULL
Initial-to-T	1	5 mg/kg/day	1 day	NULL	Pathology	Clinical Ch
Initial-to-T	1	5 mg/kg/day	11 day	NULL	Pathology	Clinical Ch

Initial-to-T	2	50 mg/kg/day	27 day		10 Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day	11 day		16 Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day	15 day		9 Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day	1 day		16 NULL NULL
Initial-to-T	2	50 mg/kg/day	1 day		16 NULL NULL
Initial-to-T	2	50 mg/kg/day	11 day		16 Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day NULL		NULL	NULL NULL
Initial-to-T	2	50 mg/kg/day	11 day	NULL	Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day	11 day	NULL	Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day	1 day	NULL	Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day	1 day	NULL	Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day	1 day	NULL	Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day	11 day	NULL	Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day	11 day	NULL	Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day	1 day	NULL	Pathology Clinical Che
Initial-to-T	2	50 mg/kg/day	1 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	15 day		9 In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	15 day		9 Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	11 day		16 In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	11 day		16 Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	27 day		10 In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	27 day		10 Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	1 day		16 NULL NULL
Initial-to-T	3	150 mg/kg/day	11 day		16 Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	1 day		16 NULL NULL
Initial-to-T	3	150 mg/kg/day NULL		NULL	NULL NULL
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	1 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	1 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	1 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	1 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	1 day	NULL	Pathology Clinical Che
Initial-to-T	3	150 mg/kg/day	1 day	NULL	Pathology Clinical Che
Initial-to-T	4	450 mg/kg/day	1 day		16 Pathology Clinical Che
Initial-to-T	4	450 mg/kg/day	1 day		16 Pathology Clinical Che
Initial-to-T	4	450 mg/kg/day	1 day		16 Pathology Clinical Che
Initial-to-T	4	450 mg/kg/day	1 day	NULL	In-Life ObsClinical Sig
Initial-to-T	4	450 mg/kg/day	1 day	NULL	In-Life ObsClinical Sig
Initial-to-T	4	450 mg/kg/day	1 day	NULL	Pathology Clinical Che

Initial-to-T	4	450mg/kg/day	1day	NULL	Pathology Clinical Ch	
Initial-to-T	4	450mg/kg/day	1day	NULL	Pathology Clinical Ch	
Initial-to-T	4	450mg/kg/day	1day	NULL	In-Life ObsClinical Sig	
Initial-to-T	4	450mg/kg/day	1day	NULL	In-Life ObsClinical Sig	
Initial-to-T	4	450mg/kg/day	1day	NULL	Pathology Clinical Ch	
Initial-to-T	4	450mg/kg/day	1day	NULL	Pathology Clinical Ch	
Initial-to-T	4	450mg/kg/day	1day	NULL	Pathology Clinical Ch	
Initial-to-T	1	200mg/kg/day	10day		25 NULL	NULL
Initial-to-T	1	200mg/kg/dayNULL		NULL	NULL	NULL
Initial-to-T	2	400mg/kg/day	10day		25 NULL	NULL
Initial-to-T	2	400mg/kg/dayNULL		NULL	NULL	NULL
Initial-to-T	3	800mg/kg/day	10day		25 In-Life ObsBody Weig	
Initial-to-T	3	800mg/kg/day	10day		25 In-Life ObsClinical Sig	
Initial-to-T	3	800mg/kg/day	10day		25 In-Life ObsClinical Sig	
Initial-to-T	3	800mg/kg/day	10day		25 In-Life ObsClinical Sig	
Initial-to-T	3	800mg/kg/day	10day		25 In-Life ObsFood Cons	
Initial-to-T	3	800mg/kg/dayNULL		NULL	NULL	NULL
Initial-to-T	1	25 mg/kg/day	13 day		20NULL	NULL
Initial-to-T	1	25 mg/kg/dayNULL		NULL	NULL	NULL
Initial-to-T	2	50 mg/kg/day	13 day		20In-Life ObsBody Weig	
Initial-to-T	2	50 mg/kg/day	13 day		20Reproduct Reproduct	
Initial-to-T	2	50 mg/kg/dayNULL		NULL	NULL	NULL
Initial-to-T	3	100mg/kg/day	13 day		20In-Life ObsBody Weig	
Initial-to-T	3	100mg/kg/day	13 day		20Reproduct Reproduct	
Initial-to-T	3	100mg/kg/dayNULL		NULL	NULL	NULL
Initial-to-T	1	42.7 mg/kg/day	9week		25 NULL	NULL
Initial-to-T	1	42.7 mg/kg/dayNULL			23 NULL	NULL
Second Ma	1	42.7 mg/kg/dayNULL			22 NULL	NULL
Initial-to-T	1	42.7 mg/kg/dayNULL			25 NULL	NULL
Second Ma	1	42.7 mg/kg/dayNULL			20NULL	NULL
Initial-to-T	1	50.6 mg/kg/day	9week		25 NULL	NULL
Initial-to-T	1	50.6 mg/kg/dayNULL			23 NULL	NULL
Second Ma	1	50.6 mg/kg/dayNULL			22 NULL	NULL
Initial-to-T	1	50.6 mg/kg/dayNULL			25 NULL	NULL
Second Ma	1	50.6 mg/kg/dayNULL			20NULL	NULL
Initial-to-T	2	130.9mg/kg/day	9week		25 NULL	NULL
Initial-to-T	2	130.9mg/kg/dayNULL			23 NULL	NULL
Second Ma	2	130.9mg/kg/dayNULL			23 NULL	NULL
Initial-to-T	2	130.9mg/kg/dayNULL			24 NULL	NULL
Second Ma	2	130.9mg/kg/dayNULL			18 NULL	NULL
Initial-to-T	2	153.1 mg/kg/day	9week		25 NULL	NULL
Initial-to-T	2	153.1 mg/kg/dayNULL			23 NULL	NULL
Second Ma	2	153.1 mg/kg/dayNULL			23 NULL	NULL
Initial-to-T	2	153.1 mg/kg/dayNULL			24 NULL	NULL
Second Ma	2	153.1 mg/kg/dayNULL			18 NULL	NULL

Initial-to-T	3	394mg/kg/day	9week	25 NULL	NULL
Initial-to-T	3	394mg/kg/dayNULL		24 In-Life ObsBody Weig	
Second Ma	3	394mg/kg/dayNULL		22 NULL	NULL
Initial-to-T	3	394mg/kg/dayNULL		24 NULL	NULL
Second Ma	3	394mg/kg/dayNULL		16 In-Life ObsBody Weig	
Initial-to-T	3	451mg/kg/day	9week	25 NULL	NULL
Initial-to-T	3	451mg/kg/dayNULL		24 In-Life ObsBody Weig	
Second Ma	3	451mg/kg/dayNULL		22 NULL	NULL
Initial-to-T	3	451mg/kg/dayNULL		24 NULL	NULL
Second Ma	3	451mg/kg/dayNULL		16 In-Life ObsBody Weig	
Initial-to-T	4	611.5mg/kg/day	9week	25 NULL	NULL
Initial-to-T	4	611.5mg/kg/dayNULL		24 In-Life ObsBody Weig	
Initial-to-T	4	611.5mg/kg/dayNULL		24 In-Life ObsBody Weig	
Second Ma	4	611.5mg/kg/dayNULL		22 In-Life ObsBody Weig	
Initial-to-T	4	611.5mg/kg/dayNULL		25 In-Life ObsBody Weig	
Second Ma	4	611.5mg/kg/dayNULL		20 In-Life ObsBody Weig	
Initial-to-T	4	703.4mg/kg/day	9week	25 In-Life ObsBody Weig	
Initial-to-T	4	703.4mg/kg/dayNULL		24 In-Life ObsBody Weig	
Initial-to-T	4	703.4mg/kg/dayNULL		24 In-Life ObsBody Weig	
Second Ma	4	703.4mg/kg/dayNULL		22 In-Life ObsBody Weig	
Initial-to-T	4	703.4mg/kg/dayNULL		25 In-Life ObsBody Weig	
Second Ma	4	703.4mg/kg/dayNULL		20 In-Life ObsBody Weig	
Initial-to-T	1	62.5mg/kg/day	12month	6 NULL	NULL
Initial-to-T	1	62.5mg/kg/day	12month	6 NULL	NULL
Initial-to-T	2	125mg/kg/day	12month	6 NULL	NULL
Initial-to-T	2	125mg/kg/day	12month	6 NULL	NULL
Initial-to-T	3	250mg/kg/day	12month	6 NULL	NULL
Initial-to-T	3	250mg/kg/day	12month	6 NULL	NULL
Initial-to-T	1	17.4mg/kg/day	18month	55 NULL	NULL
Interim Sac	1	17.4mg/kg/day	12month	10 NULL	NULL
Initial-to-T	1	20.8mg/kg/day	18month	55 NULL	NULL
Interim Sac	1	20.8mg/kg/day	12month	10 NULL	NULL
Initial-to-T	2	143mg/kg/day	18month	55 Pathology Clinical Che	
Initial-to-T	2	143mg/kg/day	18month	55 Pathology Clinical Che	
Interim Sac	2	143mg/kg/day	12month	10 Pathology Clinical Che	
Interim Sac	2	143mg/kg/day	12month	10 Pathology Clinical Che	
Initial-to-T	2	167mg/kg/day	18month	55 Pathology Clinical Che	
Initial-to-T	2	167mg/kg/day	18month	55 Pathology Clinical Che	
Interim Sac	2	167mg/kg/day	12month	10 Pathology Clinical Che	
Interim Sac	2	167mg/kg/day	12month	10 Pathology Clinical Che	
Initial-to-T	3	1476mg/kg/day	18month	55 In-Life ObsBody Weig	
Initial-to-T	3	1476mg/kg/day	18month	55 In-Life ObsFood Cons	
Initial-to-T	3	1476mg/kg/day	18month	55 Organ WeiLiver	
Initial-to-T	3	1476mg/kg/day	18month	55 Pathology Clinical Che	
Initial-to-T	3	1476mg/kg/day	18month	55 Pathology Clinical Che	

Initial-to-T	3	1476 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	3	1476 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	3	1476 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	3	1476 mg/kg/day	18 month	55 Pathology Kidney
Initial-to-T	3	1476 mg/kg/day	18 month	55 Pathology Liver
Interim Sac	3	1476 mg/kg/day	12 month	10 Pathology Clinical Che
Interim Sac	3	1476 mg/kg/day	12 month	10 Pathology Clinical Che
Initial-to-T	3	1707 mg/kg/day	18 month	55 In-Life ObsBody Weig
Initial-to-T	3	1707 mg/kg/day	18 month	55 In-Life ObsFood Cons
Initial-to-T	3	1707 mg/kg/day	18 month	55 Organ WeiLiver
Initial-to-T	3	1707 mg/kg/day	18 month	55 Pathology Clinical Che
Initial-to-T	3	1707 mg/kg/day	18 month	55 Pathology Clinical Che
Initial-to-T	3	1707 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	3	1707 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	3	1707 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	3	1707 mg/kg/day	18 month	55 Pathology Adrenal Gl
Initial-to-T	3	1707 mg/kg/day	18 month	55 Pathology Bone
Initial-to-T	3	1707 mg/kg/day	18 month	55 Pathology Bone
Initial-to-T	3	1707 mg/kg/day	18 month	55 Pathology Kidney
Initial-to-T	3	1707 mg/kg/day	18 month	55 Pathology Liver
Interim Sac	3	1707 mg/kg/day	12 month	10 Pathology Clinical Che
Interim Sac	3	1707 mg/kg/day	12 month	10 Pathology Clinical Che
Initial-to-T	4	2978 mg/kg/day	18 month	55 In-Life ObsBody Weig
Initial-to-T	4	2978 mg/kg/day	18 month	55 In-Life ObsFood Cons
Initial-to-T	4	2978 mg/kg/day	18 month	55 Organ WeiLiver
Initial-to-T	4	2978 mg/kg/day	18 month	55 Pathology Clinical Che
Initial-to-T	4	2978 mg/kg/day	18 month	55 Pathology Clinical Che
Initial-to-T	4	2978 mg/kg/day	18 month	55 Pathology Clinical Che
Initial-to-T	4	2978 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	4	2978 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	4	2978 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	4	2978 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	4	2978 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	4	2978 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	4	2978 mg/kg/day	18 month	55 Pathology Kidney
Initial-to-T	4	2978 mg/kg/day	18 month	55 Pathology Liver
Interim Sac	4	2978 mg/kg/day	12 month	10 Pathology Clinical Che
Interim Sac	4	2978 mg/kg/day	12 month	10 Pathology Clinical Che
Initial-to-T	4	3448 mg/kg/day	18 month	55 In-Life ObsBody Weig
Initial-to-T	4	3448 mg/kg/day	18 month	55 In-Life ObsFood Cons
Initial-to-T	4	3448 mg/kg/day	18 month	55 Organ WeiLiver
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Clinical Che
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Clinical Che
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Clinical Che
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Liver

Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Liver
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Adrenal Gl
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Bone
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Bone
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Kidney
Initial-to-T	4	3448 mg/kg/day	18 month	55 Pathology Liver
Interim Sac	4	3448 mg/kg/day	12 month	10 Pathology Clinical Che
Interim Sac	4	3448 mg/kg/day	12 month	10 Pathology Clinical Che
Initial-to-T	1	4 mg/kg/day	24 month	55 Pathology Parathyroi
Interim Sac	1	4 mg/kg/day	6 month	10 NULL NULL
Interim Sac	1	4 mg/kg/day	12 month	15 NULL NULL
Interim Sac	1	4 mg/kg/day	3 month	10 NULL NULL
Initial-to-T	1	5 mg/kg/day	24 month	55 Pathology Lymph Noc
Initial-to-T	1	5 mg/kg/day	24 month	55 Pathology Parathyroi
Interim Sac	1	5 mg/kg/day	12 month	15 NULL NULL
Interim Sac	1	5 mg/kg/day	3 month	10 NULL NULL
Interim Sac	1	5 mg/kg/day	6 month	10 NULL NULL
Initial-to-T	2	29 mg/kg/day	24 month	55 In-Life Obs Mortality
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Lymph Noc
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Thyroid Gl
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Bone Marr
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Bone Marr
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Brain
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Eye
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Harderian
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Heart
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Lacrimal G
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Lymph Noc
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Lymph Noc
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Pancreas
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Parathyroi
Initial-to-T	2	29 mg/kg/day	24 month	55 Pathology Thyroid Gl
Interim Sac	2	29 mg/kg/day	3 month	10 NULL NULL
Interim Sac	2	29 mg/kg/day	6 month	10 NULL NULL
Interim Sac	2	29 mg/kg/day	12 month	15 NULL NULL
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Lymph Noc
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Kidney

Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Parathyroi
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	2	35 mg/kg/day	24 month	55 Pathology Stomach
Interim Sac	2	35 mg/kg/day	6 month	10 NULL NULL
Interim Sac	2	35 mg/kg/day	12 month	15 NULL NULL
Interim Sac	2	35 mg/kg/day	3 month	10 NULL NULL
Initial-to-T	3	359 mg/kg/day	24 month	55 In-Life ObsBody Weig
Initial-to-T	3	359 mg/kg/day	24 month	55 In-Life ObsClinical Sig
Initial-to-T	3	359 mg/kg/day	24 month	55 In-Life ObsMortality
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiHeart
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiHeart
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiHeart
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiKidney
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiKidney
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiKidney
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiLiver
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiLiver
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiLiver
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiThyroid Gl
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiThyroid Gl
Initial-to-T	3	359 mg/kg/day	24 month	55 Organ WeiThyroid Gl
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Lymph No
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Adrenal Gl
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Bone Marr
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Bone Marr
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Brain
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Eye
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Eye

Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Harderian
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Heart
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Lacrimal G
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Liver
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Liver
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Lung
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Lung
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Lymph No
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Lymph No
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Pancreas
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Parathyroi
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Pituitary G
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Spleen
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Spleen
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359mg/kg/day	24 month	55 Pathology Thyroid Gl
Interim Sac	3	359mg/kg/day	3 month	10 NULL NULL
Interim Sac	3	359mg/kg/day	12 month	15 Organ WeiKidney
Interim Sac	3	359mg/kg/day	12 month	15 Organ WeiKidney
Interim Sac	3	359mg/kg/day	12 month	15 Organ WeiLiver
Interim Sac	3	359mg/kg/day	12 month	15 Organ WeiLiver
Interim Sac	3	359mg/kg/day	12 month	15 Organ WeiParathyroi
Interim Sac	3	359mg/kg/day	12 month	15 Organ WeiParathyroi
Interim Sac	3	359mg/kg/day	12 month	15 Organ WeiSpleen
Interim Sac	3	359mg/kg/day	12 month	15 Organ WeiSpleen

Interim Sac	3	359mg/kg/day	12 month	15 Organ WeiThyroid Gl
Interim Sac	3	359mg/kg/day	12 month	15 Organ WeiThyroid Gl
Interim Sac	3	359mg/kg/day	12 month	15 Pathology Nose
Interim Sac	3	359mg/kg/day	12 month	15 Pathology Nose
Interim Sac	3	359mg/kg/day	12 month	15 Pathology Nose
Interim Sac	3	359mg/kg/day	12 month	15 Pathology Nose
Interim Sac	3	359mg/kg/day	12 month	15 Pathology Nose
Interim Sac	3	359mg/kg/day	6 month	10 NULL NULL
Initial-to-T	3	415mg/kg/day	24 month	55 In-Life ObsBody Weig
Initial-to-T	3	415mg/kg/day	24 month	55 In-Life ObsClinical Sig
Initial-to-T	3	415mg/kg/day	24 month	55 Organ WeiKidney
Initial-to-T	3	415mg/kg/day	24 month	55 Organ WeiKidney
Initial-to-T	3	415mg/kg/day	24 month	55 Organ WeiKidney
Initial-to-T	3	415mg/kg/day	24 month	55 Organ WeiLiver
Initial-to-T	3	415mg/kg/day	24 month	55 Organ WeiLiver
Initial-to-T	3	415mg/kg/day	24 month	55 Organ WeiLiver
Initial-to-T	3	415mg/kg/day	24 month	55 Organ WeiThyroid Gl
Initial-to-T	3	415mg/kg/day	24 month	55 Organ WeiThyroid Gl
Initial-to-T	3	415mg/kg/day	24 month	55 Organ WeiThyroid Gl
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Liver
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Pituitary G
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Bone Marr
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Bone Marr
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Harderian
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Heart
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Lacrimal G
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Lung
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	415mg/kg/day	24 month	55 Pathology Nose

Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Parathyroi
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Spleen
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Spleen
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	415 mg/kg/day	24 month	55 Pathology Stomach
Interim Sac	3	415 mg/kg/day	12 month	15 Organ WeiKidney
Interim Sac	3	415 mg/kg/day	12 month	15 Organ WeiKidney
Interim Sac	3	415 mg/kg/day	12 month	15 Organ WeiLiver
Interim Sac	3	415 mg/kg/day	12 month	15 Organ WeiLiver
Interim Sac	3	415 mg/kg/day	12 month	15 Pathology Nose
Interim Sac	3	415 mg/kg/day	12 month	15 Pathology Nose
Interim Sac	3	415 mg/kg/day	12 month	15 Pathology Nose
Interim Sac	3	415 mg/kg/day	12 month	15 Pathology Nose
Interim Sac	3	415 mg/kg/day	6 month	10 NULL NULL
Interim Sac	3	415 mg/kg/day	3 month	10 NULL NULL
Initial-to-T	4	739 mg/kg/day	24 month	55 In-Life ObsBody Weig
Initial-to-T	4	739 mg/kg/day	24 month	55 In-Life ObsClinical Sig
Initial-to-T	4	739 mg/kg/day	24 month	55 In-Life ObsMortality
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Adrenal Gl
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Bone Marr

Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Bone Marrow
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Brain
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Eye
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Eye
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Harderian
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Heart
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Lacrimal Gland
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Liver
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Liver
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Lung
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Lung
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Lymph Node
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Lymph Node
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Pancreas
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Parathyroid
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Pituitary Gland
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Spleen
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Spleen
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Thyroid Gland
Initial-to-T	4	739 mg/kg/day	24 month	55 Pathology Thyroid Gland
Interim Sacrifice	4	739 mg/kg/day	3 month	10 NULL NULL
Interim Sacrifice	4	739 mg/kg/day	6 month	10 NULL NULL
Interim Sacrifice	4	739 mg/kg/day	12 month	15 Organ Weigh Kidney
Interim Sacrifice	4	739 mg/kg/day	12 month	15 Organ Weigh Kidney
Interim Sacrifice	4	739 mg/kg/day	12 month	15 Organ Weigh Liver

Interim Sac	4	739mg/kg/day	12 month	15 Organ WeiLiver
Interim Sac	4	739mg/kg/day	12 month	15 Organ WeiParathyroi
Interim Sac	4	739mg/kg/day	12 month	15 Organ WeiParathyroi
Interim Sac	4	739mg/kg/day	12 month	15 Organ WeiSpleen
Interim Sac	4	739mg/kg/day	12 month	15 Organ WeiSpleen
Interim Sac	4	739mg/kg/day	12 month	15 Organ WeiThyroid Gl
Interim Sac	4	739mg/kg/day	12 month	15 Organ WeiThyroid Gl
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Hematolog
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Hematolog
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Eye
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Kidney
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Nose
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Nose
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Nose
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Nose
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Nose
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Testes
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Testes
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Testes
Interim Sac	4	739mg/kg/day	12 month	15 Pathology Testes
Initial-to-Ti	4	868mg/kg/day	24 month	55 In-Life ObsBody Weig
Initial-to-Ti	4	868mg/kg/day	24 month	55 In-Life ObsClinical Sig
Initial-to-Ti	4	868mg/kg/day	24 month	55 In-Life ObsClinical Sig
Initial-to-Ti	4	868mg/kg/day	24 month	55 In-Life ObsMortality
Initial-to-Ti	4	868mg/kg/day	24 month	55 Organ WeiKidney
Initial-to-Ti	4	868mg/kg/day	24 month	55 Organ WeiKidney
Initial-to-Ti	4	868mg/kg/day	24 month	55 Organ WeiKidney
Initial-to-Ti	4	868mg/kg/day	24 month	55 Organ WeiLiver
Initial-to-Ti	4	868mg/kg/day	24 month	55 Organ WeiLiver
Initial-to-Ti	4	868mg/kg/day	24 month	55 Organ WeiLiver
Initial-to-Ti	4	868mg/kg/day	24 month	55 Organ WeiThyroid Gl
Initial-to-Ti	4	868mg/kg/day	24 month	55 Organ WeiThyroid Gl
Initial-to-Ti	4	868mg/kg/day	24 month	55 Organ WeiThyroid Gl
Initial-to-Ti	4	868mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-Ti	4	868mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-Ti	4	868mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-Ti	4	868mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-Ti	4	868mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-Ti	4	868mg/kg/day	24 month	55 Pathology Clinical Che
Initial-to-Ti	4	868mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-Ti	4	868mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-Ti	4	868mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-Ti	4	868mg/kg/day	24 month	55 Pathology Hematolog

Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Hematolog
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Liver
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Liver
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Bone Marr
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Bone Marr
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Brain
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Eye
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Eye
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Harderian
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Heart
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Kidney
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Lacrimal G
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Liver
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Liver
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Lung
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Lymph Noc
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Lymph Noc
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Parathyroi
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Pituitary G
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Spleen
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Spleen
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Thyroid Gl
Initial-to-T	4	868 mg/kg/day	24 month	55 Pathology Thyroid Gl
Interim Sac	4	868 mg/kg/day	12 month	15 Organ WeiKidney

Interim Sac	4	868 mg/kg/day	12 month	15 Organ WeiKidney
Interim Sac	4	868 mg/kg/day	12 month	15 Organ WeiLiver
Interim Sac	4	868 mg/kg/day	12 month	15 Organ WeiLiver
Interim Sac	4	868 mg/kg/day	12 month	15 Pathology Hematolog
Interim Sac	4	868 mg/kg/day	12 month	15 Pathology Kidney
Interim Sac	4	868 mg/kg/day	12 month	15 Pathology Lymph No
Interim Sac	4	868 mg/kg/day	12 month	15 Pathology Nose
Interim Sac	4	868 mg/kg/day	12 month	15 Pathology Nose
Interim Sac	4	868 mg/kg/day	12 month	15 Pathology Nose
Interim Sac	4	868 mg/kg/day	12 month	15 Pathology Nose
Interim Sac	4	868 mg/kg/day	6 month	10 NULL NULL
Interim Sac	4	868 mg/kg/day	3 month	10 NULL NULL
Initial-to-T	1	4 mg/kg/day	24 month	90 In-Life ObsFood Cons
Initial-to-T	1	4 mg/kg/day	24 month	90 Pathology Parathyroi
Initial-to-T	1	5 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	1	5 mg/kg/day	24 month	90 Pathology Parathyroi
Initial-to-T	2	29 mg/kg/day	24 month	90 In-Life ObsMortality
Initial-to-T	2	29 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	2	29 mg/kg/day	24 month	90 Pathology Adrenal Gl
Initial-to-T	2	29 mg/kg/day	24 month	90 Pathology Eye
Initial-to-T	2	29 mg/kg/day	24 month	90 Pathology Liver
Initial-to-T	2	29 mg/kg/day	24 month	90 Pathology Lung
Initial-to-T	2	29 mg/kg/day	24 month	90 Pathology Lymph No
Initial-to-T	2	29 mg/kg/day	24 month	90 Pathology Parathyroi
Initial-to-T	2	29 mg/kg/day	24 month	90 Pathology Spleen
Initial-to-T	2	29 mg/kg/day	24 month	90 Pathology Thyroid Gl
Initial-to-T	2	35 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	2	35 mg/kg/day	24 month	90 Pathology Kidney
Initial-to-T	2	35 mg/kg/day	24 month	90 Pathology Kidney
Initial-to-T	2	35 mg/kg/day	24 month	90 Pathology Parathyroi
Initial-to-T	3	359 mg/kg/day	24 month	90 In-Life ObsBody Weig
Initial-to-T	3	359 mg/kg/day	24 month	90 In-Life ObsFood Cons
Initial-to-T	3	359 mg/kg/day	24 month	90 In-Life ObsMortality
Initial-to-T	3	359 mg/kg/day	24 month	90 Organ WeiHeart
Initial-to-T	3	359 mg/kg/day	24 month	90 Organ WeiKidney
Initial-to-T	3	359 mg/kg/day	24 month	90 Organ WeiLiver
Initial-to-T	3	359 mg/kg/day	24 month	90 Organ WeiParathyroi
Initial-to-T	3	359 mg/kg/day	24 month	90 Organ WeiSpleen
Initial-to-T	3	359 mg/kg/day	24 month	90 Organ WeiThyroid Gl
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Clinical Che

Initial-to-T	3	359mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Adrenal Gl
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Eye
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Kidney
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Kidney
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Liver
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Lung
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Lymph No
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Nose
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Parathyroi
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Pharynx
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Spleen
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Stomach
Initial-to-T	3	359mg/kg/day	24 month	90Pathology Thyroid Gl
Initial-to-T	3	415mg/kg/day	24 month	90In-Life ObsBody Weig
Initial-to-T	3	415mg/kg/day	24 month	90In-Life ObsFood Cons
Initial-to-T	3	415mg/kg/day	24 month	90Organ WeiKidney
Initial-to-T	3	415mg/kg/day	24 month	90Organ WeiLiver
Initial-to-T	3	415mg/kg/day	24 month	90Organ WeiParathyroi
Initial-to-T	3	415mg/kg/day	24 month	90Organ WeiThyroid Gl
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Adrenal Gl
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Eye
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Kidney
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Kidney
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Liver
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Lung
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Lymph No
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Nose
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Parathyroi
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Pharynx
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Spleen
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Stomach
Initial-to-T	3	415mg/kg/day	24 month	90Pathology Thyroid Gl

Initial-to-T	4	739mg/kg/day	24 month	90In-Life ObsBody Weig
Initial-to-T	4	739mg/kg/day	24 month	90In-Life ObsFood Cons
Initial-to-T	4	739mg/kg/day	24 month	90In-Life ObsMortality
Initial-to-T	4	739mg/kg/day	24 month	90Organ WeiKidney
Initial-to-T	4	739mg/kg/day	24 month	90Organ WeiLiver
Initial-to-T	4	739mg/kg/day	24 month	90Organ WeiParathyroi
Initial-to-T	4	739mg/kg/day	24 month	90Organ WeiSpleen
Initial-to-T	4	739mg/kg/day	24 month	90Organ WeiThyroid Gl
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Hematolog
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Adrenal Gl
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Eye
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Kidney
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Kidney
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Liver
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Lung
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Lymph No
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Nose
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Parathyroi
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Pharynx
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Spleen
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Stomach
Initial-to-T	4	739mg/kg/day	24 month	90Pathology Thyroid Gl
Initial-to-T	4	868mg/kg/day	24 month	90In-Life ObsBody Weig
Initial-to-T	4	868mg/kg/day	24 month	90In-Life ObsClinical Sig
Initial-to-T	4	868mg/kg/day	24 month	90In-Life ObsFood Cons
Initial-to-T	4	868mg/kg/day	24 month	90In-Life ObsMortality
Initial-to-T	4	868mg/kg/day	24 month	90Organ WeiKidney
Initial-to-T	4	868mg/kg/day	24 month	90Organ WeiLiver
Initial-to-T	4	868mg/kg/day	24 month	90Organ WeiParathyroi
Initial-to-T	4	868mg/kg/day	24 month	90Organ WeiThyroid Gl
Initial-to-T	4	868mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	4	868mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	4	868mg/kg/day	24 month	90Pathology Clinical Che
Initial-to-T	4	868mg/kg/day	24 month	90Pathology Clinical Che

Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Clinical Ch
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Clinical Ch
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Clinical Ch
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Hematolog
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Hematolog
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Hematolog
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Tissue NOS
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Adrenal Gl
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Eye
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Kidney
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Kidney
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Liver
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Lung
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Lymph No
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Nose
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Parathyroi
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Pharynx
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Spleen
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Stomach
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Thyroid Gl
Initial-to-T	1	5 mg/kg/day	26 day		24 NULL NULL
Initial-to-T	1	5 mg/kg/day	11 day	NULL	Sensorimo Reflexes
Initial-to-T	1	5 mg/kg/day	11 day	NULL	Sensorimo Reflexes
Initial-to-T	2	50 mg/kg/day	26 day		24 NULL NULL
Initial-to-T	2	50 mg/kg/day	11 day	NULL	Motor Locomotio
Initial-to-T	2	50 mg/kg/day	11 day	NULL	Motor Locomotio
Initial-to-T	2	50 mg/kg/day	11 day	NULL	Sensorimo Reflexes
Initial-to-T	2	50 mg/kg/day	11 day	NULL	In-Life ObsClinical Sig
Initial-to-T	2	50 mg/kg/day	11 day	NULL	Sensorimo Reflexes
Initial-to-T	3	150 mg/kg/day	26 day		24 In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	11 day	NULL	In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	11 day	NULL	In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	11 day	NULL	In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	11 day	NULL	In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	11 day	NULL	In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	11 day	NULL	MorphomεBrain
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Motor Locomotio
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Motor Locomotio
Initial-to-T	3	150 mg/kg/day	11 day	NULL	NeurotoxicMotor acti
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Sensorimo Reflexes
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Sensorimo Reflexes
Initial-to-T	3	150 mg/kg/day	11 day	NULL	In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	11 day	NULL	In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	11 day	NULL	In-Life ObsClinical Sig
Initial-to-T	3	150 mg/kg/day	11 day	NULL	In-Life ObsClinical Sig

Initial-to-T	3	150mg/kg/day	11 day	NULL	In-Life ObsClinical Sig	
Initial-to-T	3	150mg/kg/day	11 day	NULL	In-Life ObsClinical Sig	
Initial-to-T	3	150mg/kg/day	11 day	NULL	MorphomεBrain	
Initial-to-T	3	150mg/kg/day	11 day	NULL	Pathology Kidney	
Initial-to-T	3	150mg/kg/day	11 day	NULL	Pathology Kidney	
Initial-to-T	3	150mg/kg/day	11 day	NULL	Pathology Kidney	
Initial-to-T	3	150mg/kg/day	11 day	NULL	SensorimoReflexes	
Initial-to-T	3	150mg/kg/day	11 day	NULL	SensorimoReflexes	
Initial-to-T	1	7.5 mg/kg/day	27 day		10 NULL	NULL
Initial-to-T	1	7.5 mg/kg/day	15 day		5 NULL	NULL
Satellite	1	7.5 mg/kg/day	27 day		10 NULL	NULL
Satellite	1	7.5 mg/kg/day	15 day		5 NULL	NULL
Initial-to-T	1	7.5 mg/kg/dayNULL		NULL	NULL	NULL
Satellite	1	7.5 mg/kg/dayNULL		NULL	NULL	NULL
Initial-to-T	1	7.5 mg/kg/day	11 day	NULL	Pathology Clinical Che	
Satellite	1	7.5 mg/kg/day	11 day	NULL	Pathology Clinical Che	
Initial-to-T	1	7.5 mg/kg/day	11 day	NULL	Pathology Clinical Che	
Satellite	1	7.5 mg/kg/day	11 day	NULL	Pathology Clinical Che	
Satellite	2	35 mg/kg/day	15 day		5 NULL	NULL
Satellite	2	35 mg/kg/day	27 day		10 NULL	NULL
Satellite	2	35 mg/kg/dayNULL		NULL	Pathology Clinical Che	
Satellite	2	35 mg/kg/day	11 day	NULL	Pathology Clinical Che	
Satellite	2	35 mg/kg/day	11 day	NULL	Pathology Clinical Che	
Initial-to-T	2	750mg/kg/day	27 day		10 In-Life ObsBody Weig	
Initial-to-T	2	750mg/kg/day	27 day		10 In-Life ObsClinical Sig	
Initial-to-T	2	750mg/kg/day	27 day		10 In-Life ObsClinical Sig	
Initial-to-T	2	750mg/kg/day	27 day		10 In-Life ObsClinical Sig	
Initial-to-T	2	750mg/kg/day	27 day		10 In-Life ObsClinical Sig	
Initial-to-T	2	750mg/kg/day	27 day		10 In-Life ObsClinical Sig	
Initial-to-T	2	750mg/kg/day	27 day		10 In-Life ObsFood Cons	
Initial-to-T	2	750mg/kg/day	27 day		10 Reproduct Maternal V	
Initial-to-T	2	750mg/kg/day	15 day		5 In-Life ObsBody Weig	
Initial-to-T	2	750mg/kg/day	15 day		5 In-Life ObsClinical Sig	
Initial-to-T	2	750mg/kg/day	15 day		5 In-Life ObsClinical Sig	
Initial-to-T	2	750mg/kg/day	15 day		5 In-Life ObsClinical Sig	
Initial-to-T	2	750mg/kg/day	15 day		5 In-Life ObsClinical Sig	
Initial-to-T	2	750mg/kg/day	15 day		5 In-Life ObsClinical Sig	
Initial-to-T	2	750mg/kg/day	15 day		5 In-Life ObsFood Cons	
Initial-to-T	2	750mg/kg/day	15 day		5 Pathology Clinical Che	
Initial-to-T	2	750mg/kg/day	15 day		5 Pathology Clinical Che	
Initial-to-T	2	750mg/kg/day	15 day		5 Pathology Clinical Che	
Initial-to-T	2	750mg/kg/day	15 day		5 Reproduct Maternal V	
Initial-to-T	2	750mg/kg/dayNULL		NULL	Pathology Clinical Che	
Initial-to-T	2	750mg/kg/day	11 day	NULL	NULL	NULL
Initial-to-T	2	750mg/kg/day	11 day	NULL	NULL	NULL

Satellite	3	75 mg/kg/day	15 day		5 In-Life ObsClinical Sig
Satellite	3	75 mg/kg/day	15 day		5 Pathology Clinical Che
Satellite	3	75 mg/kg/day	27 day		10 In-Life ObsClinical Sig
Satellite	3	75 mg/kg/dayNULL		NULL	Pathology Clinical Che
Satellite	3	75 mg/kg/day	11 day	NULL	Pathology Clinical Che
Satellite	3	75 mg/kg/day	11 day	NULL	Pathology Clinical Che
Satellite	3	75 mg/kg/day	11 day	NULL	Pathology Clinical Che
Satellite	3	75 mg/kg/day	11 day	NULL	Pathology Clinical Che
Satellite	3	75 mg/kg/day	11 day	NULL	Pathology Clinical Che
Initial-to-T	3	1250 mg/kg/day	15 day		5 In-Life ObsBody Weig
Initial-to-T	3	1250 mg/kg/day	15 day		5 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	15 day		5 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	15 day		5 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	15 day		5 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	15 day		5 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	15 day		5 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	15 day		5 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	15 day		5 In-Life ObsFood Cons
Initial-to-T	3	1250 mg/kg/day	15 day		5 Pathology Clinical Che
Initial-to-T	3	1250 mg/kg/day	15 day		5 Pathology Clinical Che
Initial-to-T	3	1250 mg/kg/day	15 day		5 Pathology Clinical Che
Initial-to-T	3	1250 mg/kg/day	15 day		5 Reproduct Maternal V
Initial-to-T	3	1250 mg/kg/day	27 day		10 In-Life ObsBody Weig
Initial-to-T	3	1250 mg/kg/day	27 day		10 In-Life ObsBody Weig
Initial-to-T	3	1250 mg/kg/day	27 day		10 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	27 day		10 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	27 day		10 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	27 day		10 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	27 day		10 In-Life ObsClinical Sig
Initial-to-T	3	1250 mg/kg/day	27 day		10 In-Life ObsClinical Sig
Initial-to-T	1	0.04 mg/kg/day	90 day	NULL	NULL NULL
Initial-to-T	2	0.4 mg/kg/day	90 day	NULL	Pathology Clinical Che
Initial-to-T	2	0.4 mg/kg/day	90 day	NULL	Pathology Clinical Che
Initial-to-T	3	4 mg/kg/day	90 day	NULL	In-Life ObsBody Weig
Initial-to-T	3	4 mg/kg/day	90 day	NULL	In-Life ObsMortality
Initial-to-T	3	4 mg/kg/day	90 day	NULL	Pathology Clinical Che
Initial-to-T	3	4 mg/kg/day	90 day	NULL	Pathology Clinical Che
Initial-to-T	1	0.0024 mg/kg/day	6 month		5 Pathology Clinical Che
Initial-to-T	1	0.0024 mg/kg/day	6 month		5 Pathology Clinical Che
Initial-to-T	2	0.0079 mg/kg/day	6 month		5 Pathology Clinical Che
Initial-to-T	2	0.0079 mg/kg/day	6 month		5 Pathology Clinical Che
Initial-to-T	2	0.0079 mg/kg/day	6 month		5 Pathology Clinical Che
Initial-to-T	3	0.7937 mg/kg/day	6 month		5 Pathology Clinical Che
Initial-to-T	3	0.7937 mg/kg/day	6 month		5 Pathology Clinical Che
Initial-to-T	3	0.7937 mg/kg/day	6 month		5 Pathology Clinical Che

Initial-to-T	3	0.7937 mg/kg/day	6month	5 Pathology Clinical Che
Initial-to-T	3	0.7937 mg/kg/day	6month	5 Pathology Other
Initial-to-T	3	0.7937 mg/kg/day	6month	5 Pathology Clinical Che
Initial-to-T	3	0.7937 mg/kg/day	6month	5 Pathology Clinical Che
Initial-to-T	3	0.7937 mg/kg/day	6month	5 Pathology Clinical Che
Initial-to-T	3	0.7937 mg/kg/day	6month	5 Pathology Clinical Che
Initial-to-T	3	0.7937 mg/kg/day	6month	5 Pathology Clinical Che
Initial-to-T	3	0.7937 mg/kg/day	6month	5 Pathology Other
Initial-to-T	1	0.05 mg/kg/day	10week	28 NULL NULL
Initial-to-T	1	0.05 mg/kg/day	10week	28 NULL NULL
Initial-to-T	1	0.05 mg/kg/dayNULL		28 NULL NULL
Initial-to-T	1	0.05 mg/kg/dayNULL		28 NULL NULL
Initial-to-T	1	0.05 mg/kg/dayNULL	NULL	NULL NULL NULL
Initial-to-T	1	0.05 mg/kg/dayNULL	NULL	NULL NULL NULL
Initial-to-T	2	0.5 mg/kg/day	10week	28 Pathology Clinical Che
Initial-to-T	2	0.5 mg/kg/day	10week	28 Pathology Clinical Che
Initial-to-T	2	0.5 mg/kg/day	10week	28 Pathology Clinical Che
Initial-to-T	2	0.5 mg/kg/day	10week	28 Pathology Clinical Che
Initial-to-T	2	0.5 mg/kg/day	10week	28 Pathology Clinical Che
Initial-to-T	2	0.5 mg/kg/dayNULL		28 Pathology Clinical Che
Initial-to-T	2	0.5 mg/kg/dayNULL		28 Pathology Clinical Che
Initial-to-T	2	0.5 mg/kg/dayNULL		28 Pathology Clinical Che
Initial-to-T	2	0.5 mg/kg/dayNULL		28 Pathology Clinical Che
Initial-to-T	2	0.5 mg/kg/dayNULL	NULL	NULL NULL NULL
Initial-to-T	2	0.5 mg/kg/dayNULL	NULL	NULL NULL NULL
Initial-to-T	3	1 mg/kg/day	10week	28 In-Life ObsBody Weig
Initial-to-T	3	1 mg/kg/day	10week	28 Pathology Clinical Che
Initial-to-T	3	1 mg/kg/day	10week	28 Pathology Clinical Che
Initial-to-T	3	1 mg/kg/day	10week	28 Pathology Clinical Che
Initial-to-T	3	1 mg/kg/day	10week	28 Pathology Clinical Che
Initial-to-T	3	1 mg/kg/day	10week	28 Pathology Clinical Che
Initial-to-T	3	1 mg/kg/day	10week	28 Pathology Clinical Che
Initial-to-T	3	1 mg/kg/dayNULL		28 In-Life ObsBody Weig
Initial-to-T	3	1 mg/kg/dayNULL		28 In-Life ObsBody Weig
Initial-to-T	3	1 mg/kg/dayNULL		28 In-Life ObsBody Weig
Initial-to-T	3	1 mg/kg/dayNULL		28 Pathology Clinical Che
Initial-to-T	3	1 mg/kg/dayNULL		28 Pathology Clinical Che
Initial-to-T	3	1 mg/kg/dayNULL		28 Pathology Clinical Che
Initial-to-T	3	1 mg/kg/dayNULL		28 Reproduct Offspring S
Initial-to-T	3	1 mg/kg/dayNULL		28 In-Life ObsBody Weig
Initial-to-T	3	1 mg/kg/dayNULL		28 In-Life ObsBody Weig
Initial-to-T	3	1 mg/kg/dayNULL		28 In-Life ObsBody Weig
Initial-to-T	3	1 mg/kg/dayNULL		28 In-Life ObsBody Weig
Initial-to-T	3	1 mg/kg/dayNULL		28 Pathology Clinical Che
Initial-to-T	3	1 mg/kg/dayNULL		28 Pathology Clinical Che

Initial-to-T	3	1 mg/kg/day	NULL	28	Pathology	Clinical	Ch
Initial-to-T	3	1 mg/kg/day	NULL	28	Reproduct	Offspring	S
Initial-to-T	3	1 mg/kg/day	NULL	NULL	NULL	NULL	
Initial-to-T	3	1 mg/kg/day	NULL	NULL	NULL	NULL	
Initial-to-T	1	0.01 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	1	0.01 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	1	0.01 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	1	0.01 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	1	0.01 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	2	0.03 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	2	0.03 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	2	0.03 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	2	0.03 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	2	0.03 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	2	0.03 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	3	0.1 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	3	0.1 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	3	0.1 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	3	0.1 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	3	0.1 mg/kg/day	12 month	8	Pathology	Clinical	Ch
Initial-to-T	3	0.1 mg/kg/day	12 month	8	Pathology	Clinical	Ch

Initial-to-Ti	1	0.1 mg/kg/day	26 month	5 NULL	NULL
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Initial-to-Ti	1	0.1 mg/kg/day	26 month	5 NULL	NULL
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Initial-to-Ti	2	0.4 mg/kg/day	26 month	5 NULL	NULL
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Initial-to-T	2	0.4 mg/kg/day	26 month	5 NULL	NULL
Initial-to-T	3	1.6 mg/kg/day	26 month	5 Pathology	Eye
Initial-to-T	3	1.6 mg/kg/day	26 month	5 Pathology	Eye
Initial-to-T	3	1.6 mg/kg/day	26 month	5 Pathology	Eye
Initial-to-T	3	1.6 mg/kg/day	26 month	5 Pathology	Eye
Initial-to-T	3	1.6 mg/kg/day	26 month	5 Pathology	Eye
Initial-to-T	3	1.6 mg/kg/day	26 month	5 Pathology	Eye
Initial-to-T	3	1.6 mg/kg/day	26 month	5 Pathology	Eye
Initial-to-T	3	1.6 mg/kg/day	26 month	5 Pathology	Eye
Initial-to-T	1	8.57 mg/kg/day	18 month	50 Pathology	Uncertain
Initial-to-T	1	8.57 mg/kg/day	18 month	50 Pathology	Lung
Initial-to-T	2	14.3 mg/kg/day	18 month	50 NULL	NULL
Initial-to-T	2	14.3 mg/kg/day	18 month	50 NULL	NULL
Initial-to-T	2	20 mg/kg/day	18 month	50 Pathology	Clinical Ch
Initial-to-T	2	20 mg/kg/day	18 month	50 Pathology	Clinical Ch
Initial-to-T	1	0.025 mg/kg/day	24 month	5 NULL	NULL
Initial-to-T	1	0.025 mg/kg/day	24 month	5 NULL	NULL
Initial-to-T	2	0.25 mg/kg/day	24 month	5 NULL	NULL
Initial-to-T	2	0.25 mg/kg/day	24 month	5 NULL	NULL

Initial-to-T	3	2.5 mg/kg/day	24 month	5 In-Life ObsClinical Sig
Initial-to-T	3	2.5 mg/kg/day	24 month	5 Pathology Nerve
Initial-to-T	3	2.5 mg/kg/day	24 month	5 Pathology Nerve
Initial-to-T	3	2.5 mg/kg/day	24 month	5 Pathology Nerve
Initial-to-T	1	0.1 mg/kg/day	24 month	50 NULL NULL
Interim Sac	1	0.1 mg/kg/day	12 month	10 NULL NULL
Interim Sac	1	0.1 mg/kg/day	12 month	5 NULL NULL
Initial-to-T	1	0.14 mg/kg/day	24 month	50 NULL NULL
Interim Sac	1	0.14 mg/kg/day	12 month	10 NULL NULL
Interim Sac	1	0.14 mg/kg/day	12 month	5 NULL NULL
Initial-to-T	2	0.42 mg/kg/day	24 month	50 Pathology Clinical Ch
Initial-to-T	2	0.42 mg/kg/day	24 month	50 Pathology Clinical Ch
Initial-to-T	2	0.42 mg/kg/day	24 month	50 Pathology Eye
Interim Sac	2	0.42 mg/kg/day	12 month	5 NULL NULL
Interim Sac	2	0.42 mg/kg/day	12 month	10 NULL NULL
Initial-to-T	2	0.53 mg/kg/day	24 month	50 Pathology Clinical Ch
Initial-to-T	2	0.53 mg/kg/day	24 month	50 Pathology Clinical Ch
Initial-to-T	2	0.53 mg/kg/day	24 month	50 Pathology Eye
Interim Sac	2	0.53 mg/kg/day	12 month	5 NULL NULL
Interim Sac	2	0.53 mg/kg/day	12 month	10 NULL NULL
Initial-to-T	3	1.75 mg/kg/day	24 month	50 In-Life ObsBody Weig
Initial-to-T	3	1.75 mg/kg/day	24 month	50 In-Life ObsClinical Sig
Initial-to-T	3	1.75 mg/kg/day	24 month	50 In-Life ObsClinical Sig
Initial-to-T	3	1.75 mg/kg/day	24 month	50 In-Life ObsClinical Sig
Initial-to-T	3	1.75 mg/kg/day	24 month	50 In-Life ObsClinical Sig
Initial-to-T	3	1.75 mg/kg/day	24 month	50 Pathology Clinical Ch
Initial-to-T	3	1.75 mg/kg/day	24 month	50 Pathology Clinical Ch
Initial-to-T	3	1.75 mg/kg/day	24 month	50 Pathology Clinical Ch
Initial-to-T	3	1.75 mg/kg/day	24 month	50 Pathology Eye
Initial-to-T	3	1.75 mg/kg/day	24 month	50 Pathology Eye
Interim Sac	3	1.75 mg/kg/day	12 month	5 NULL NULL
Interim Sac	3	1.75 mg/kg/day	12 month	10 NULL NULL
Initial-to-T	3	2.47 mg/kg/day	24 month	50 In-Life ObsBody Weig
Initial-to-T	3	2.47 mg/kg/day	24 month	50 In-Life ObsClinical Sig
Initial-to-T	3	2.47 mg/kg/day	24 month	50 In-Life ObsClinical Sig
Initial-to-T	3	2.47 mg/kg/day	24 month	50 In-Life ObsClinical Sig
Initial-to-T	3	2.47 mg/kg/day	24 month	50 In-Life ObsClinical Sig
Initial-to-T	3	2.47 mg/kg/day	24 month	50 In-Life ObsMortality
Initial-to-T	3	2.47 mg/kg/day	24 month	50 Pathology Clinical Ch
Initial-to-T	3	2.47 mg/kg/day	24 month	50 Pathology Clinical Ch
Initial-to-T	3	2.47 mg/kg/day	24 month	50 Pathology Clinical Ch
Initial-to-T	3	2.47 mg/kg/day	24 month	50 Pathology Clinical Ch
Initial-to-T	3	2.47 mg/kg/day	24 month	50 Pathology Eye
Initial-to-T	3	2.47 mg/kg/day	24 month	50 Pathology Eye
Initial-to-T	3	2.47 mg/kg/day	24 month	50 Pathology Eye

Initial-to-T	3	2.47 mg/kg/day	24 month	50	Pathology Eye
Interim Sac	3	2.47 mg/kg/day	12 month	5	NULL NULL
Interim Sac	3	2.47 mg/kg/day	12 month	10	NULL NULL
Initial-to-T	1	0.025 mg/kg/day	25 month	60	NULL NULL
Initial-to-T	1	0.025 mg/kg/day	25 month	60	NULL NULL
Initial-to-T	2	0.25 mg/kg/day	25 month	60	NULL NULL
Initial-to-T	2	0.25 mg/kg/day	25 month	60	NULL NULL
Initial-to-T	3	2.5 mg/kg/day	25 month	60	NULL NULL
Initial-to-T	3	2.5 mg/kg/day	25 month	60	NULL NULL
Initial-to-T	1	1.3 mg/kg/day	16 day	30	In-Life ObsBody Weig
Initial-to-T	1	1.3 mg/kg/day	16 day	30	Motor Locomotio
Initial-to-T	1	1.3 mg/kg/day	16 day	30	Pathology Clinical Ch
Initial-to-T	1	1.3 mg/kg/day	16 day	30	Pathology Brain
Initial-to-T	2	1.9 mg/kg/day	16 day	29	In-Life ObsBody Weig
Initial-to-T	2	1.9 mg/kg/day	16 day	29	In-Life ObsClinical Sig
Initial-to-T	2	1.9 mg/kg/day	16 day	29	In-Life ObsClinical Sig
Initial-to-T	2	1.9 mg/kg/day	16 day	29	Motor Locomotio
Initial-to-T	2	1.9 mg/kg/day	16 day	29	Pathology Clinical Ch
Initial-to-T	2	1.9 mg/kg/day	16 day	29	Pathology Brain
Initial-to-T	2	1.9 mg/kg/day	16 day	29	Sensorimo Reflexes
Initial-to-T	1	0.1 mg/kg/day	4 day	NULL	Sensorimo Reflexes
Initial-to-T	1	0.1 mg/kg/day	4 day	NULL	Sensorimo Reflexes
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Learning aMaze
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Learning aMaze
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Learning aMaze
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Learning aMaze
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Learning aMaze
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Sensorimo Reflexes
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Learning aMaze
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Learning aMaze
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Learning aMaze
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Learning aMaze
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Learning aMaze
Initial-to-T	2	0.2 mg/kg/day	4 day	NULL	Sensorimo Reflexes
Initial-to-T	1	212.5 mg/kg/day	80 week	50	In-Life ObsBody Weig
Initial-to-T	1	212.5 mg/kg/day	80 week	50	In-Life ObsClinical Sig
Initial-to-T	1	212.5 mg/kg/day	80 week	50	Pathology Liver
Initial-to-T	1	212.5 mg/kg/day	80 week	50	Pathology Thyroid Gl
Initial-to-T	1	212.5 mg/kg/day	80 week	50	Pathology Thyroid Gl
Initial-to-T	1	212.5 mg/kg/day	80 week	50	In-Life ObsBody Weig
Initial-to-T	1	212.5 mg/kg/day	80 week	50	Pathology Thyroid Gl
Initial-to-T	1	212.5 mg/kg/day	80 week	50	Pathology Thyroid Gl
Initial-to-T	2	425 mg/kg/day	80 week	50	In-Life ObsBody Weig
Initial-to-T	2	425 mg/kg/day	80 week	50	In-Life ObsClinical Sig
Initial-to-T	2	425 mg/kg/day	80 week	50	Pathology Liver

Initial-to-T	2	425 mg/kg/day	80 week	50 Pathology Thyroid Gl
Initial-to-T	2	425 mg/kg/day	80 week	50 Pathology Thyroid Gl
Initial-to-T	2	425 mg/kg/day	80 week	50 In-Life ObsBody Weig
Initial-to-T	2	425 mg/kg/day	80 week	50 In-Life ObsMortality
Initial-to-T	2	425 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	2	425 mg/kg/day	80 week	50 Pathology Thyroid Gl
Initial-to-T	2	425 mg/kg/day	80 week	50 Pathology Thyroid Gl
Initial-to-T	1	1200 mg/kg/day	80 week	50 In-Life ObsBody Weig
Initial-to-T	1	1200 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	1	1200 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	1	1200 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	1	1200 mg/kg/day	80 week	50 In-Life ObsBody Weig
Initial-to-T	1	1200 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	1	1200 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	1	1200 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	2	2400 mg/kg/day	80 week	50 In-Life ObsBody Weig
Initial-to-T	2	2400 mg/kg/day	80 week	50 In-Life ObsClinical Sig
Initial-to-T	2	2400 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	2	2400 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	2	2400 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	2	2400 mg/kg/day	80 week	50 In-Life ObsBody Weig
Initial-to-T	2	2400 mg/kg/day	80 week	50 In-Life ObsClinical Sig
Initial-to-T	2	2400 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	2	2400 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	2	2400 mg/kg/day	80 week	50 Pathology Liver
Initial-to-T	1	10 mg/kg/day	23 day	25 NULL NULL
Initial-to-T	1	10 mg/kg/day	15 day	NULL NULL NULL
Initial-to-T	1	10 mg/kg/day	15 day	NULL NULL NULL
Initial-to-T	2	50 mg/kg/day	23 day	25 NULL NULL
Initial-to-T	2	50 mg/kg/day	15 day	NULL NULL NULL
Initial-to-T	2	50 mg/kg/day	15 day	NULL NULL NULL
Initial-to-T	3	200 mg/kg/day	23 day	25 NULL NULL
Initial-to-T	3	200 mg/kg/day	15 day	NULL In-Life ObsBody Weig
Initial-to-T	3	200 mg/kg/day	15 day	NULL In-Life ObsBody Weig
Initial-to-T	3	200 mg/kg/day	15 day	NULL MorphomεBrain
Initial-to-T	3	200 mg/kg/day	15 day	NULL MorphomεBrain
Initial-to-T	3	200 mg/kg/day	15 day	NULL MorphomεBrain
Initial-to-T	3	200 mg/kg/day	15 day	NULL In-Life ObsBody Weig
Initial-to-T	3	200 mg/kg/day	15 day	NULL In-Life ObsBody Weig
Initial-to-T	3	200 mg/kg/day	15 day	NULL MorphomεBrain
Initial-to-T	3	200 mg/kg/day	15 day	NULL MorphomεBrain
Initial-to-T	3	200 mg/kg/day	15 day	NULL MorphomεBrain
Initial-to-T	3	200 mg/kg/day	15 day	NULL MorphomεBrain
Initial-to-T	3	200 mg/kg/day	15 day	NULL Organ WeiBrain
Initial-to-T	1	63 mg/kg/day	3 month	12 Pathology Clinical Chε

Initial-to-T	1	63 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	1	63 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	1	84 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	1	84 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	2	317 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	2	317 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	2	317 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	2	404 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	2	404 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	3	1267 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	3	1267 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	3	1267 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	3	1267 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	3	1267 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	3	1267 mg/kg/day	3 month	12 Pathology Pancreas
Initial-to-T	3	1267 mg/kg/day	3 month	12 Pathology Pancreas
Initial-to-T	3	1623 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	3	1623 mg/kg/day	3 month	12 Pathology Clinical Che
Initial-to-T	1	75 mg/kg/day	22 day	16 NULL NULL
Initial-to-T	1	75 mg/kg/dayNULL		NULL NULL NULL
Initial-to-T	2	175 mg/kg/day	22 day	16 NULL NULL
Initial-to-T	2	175 mg/kg/dayNULL		NULL NULL NULL
Initial-to-T	3	350 mg/kg/day	22 day	16 In-Life ObsClinical Sig
Initial-to-T	3	350 mg/kg/day	22 day	16 In-Life ObsClinical Sig
Initial-to-T	3	350 mg/kg/day	22 day	16 In-Life ObsClinical Sig
Initial-to-T	3	350 mg/kg/day	22 day	16 Reproduct Maternal V
Initial-to-T	3	350 mg/kg/dayNULL		NULL NULL NULL
Initial-to-T	1	300 mg/kg/day	14 day	25 NULL NULL
Initial-to-T	1	300 mg/kg/dayNULL		NULL NULL NULL
Initial-to-T	2	1000 mg/kg/day	14 day	25 NULL NULL
Initial-to-T	2	1000 mg/kg/dayNULL		NULL NULL NULL
Initial-to-T	3	3500 mg/kg/day	14 day	25 In-Life ObsBody Weig
Initial-to-T	3	3500 mg/kg/day	14 day	25 In-Life ObsClinical Sig
Initial-to-T	3	3500 mg/kg/day	14 day	25 In-Life ObsClinical Sig
Initial-to-T	3	3500 mg/kg/day	14 day	25 In-Life ObsClinical Sig
Initial-to-T	3	3500 mg/kg/day	14 day	25 In-Life ObsClinical Sig
Initial-to-T	3	3500 mg/kg/day	14 day	25 In-Life ObsClinical Sig
Initial-to-T	3	3500 mg/kg/day	14 day	25 Reproduct Maternal V
Initial-to-T	3	3500 mg/kg/day	14 day	25 Reproduct Reproduct
Initial-to-T	3	3500 mg/kg/day	14 day	25 Reproduct Reproduct
Initial-to-T	3	3500 mg/kg/dayNULL		NULL DevelopmBone
Initial-to-T	3	3500 mg/kg/dayNULL		NULL In-Life ObsBody Weig
Initial-to-T	3	3500 mg/kg/dayNULL		NULL In-Life ObsBody Weig
Initial-to-T	3	3500 mg/kg/dayNULL		NULL Reproduct Offspring S
Initial-to-T	1	3 mg/kg/day	10 week	24 NULL NULL

Initial-to-Ti	1	3 mg/kg/day	10week		12	NULL	NULL
Initial-to-Ti	1	3 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	1	3 mg/kg/day	NULL		24	NULL	NULL
Initial-to-Ti	1	3 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	1	3 mg/kg/day	NULL		12	NULL	NULL
Initial-to-Ti	1	3 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	1	3 mg/kg/day	NULL		24	NULL	NULL
Initial-to-Ti	1	3 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	1	3 mg/kg/day	NULL		12	NULL	NULL
Initial-to-Ti	1	3 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	1	3 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Initial-to-Ti	1	3 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	1	3 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Initial-to-Ti	2	10 mg/kg/day	10week		24	NULL	NULL
Initial-to-Ti	2	10 mg/kg/day	10week		12	NULL	NULL
Initial-to-Ti	2	10 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	2	10 mg/kg/day	NULL		24	NULL	NULL
Initial-to-Ti	2	10 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	2	10 mg/kg/day	NULL		12	NULL	NULL
Initial-to-Ti	2	10 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	2	10 mg/kg/day	NULL		24	NULL	NULL
Initial-to-Ti	2	10 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	2	10 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Initial-to-Ti	2	10 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	2	10 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Initial-to-Ti	2	10 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	2	10 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Initial-to-Ti	3	30 mg/kg/day	10week		24	NULL	NULL
Initial-to-Ti	3	30 mg/kg/day	10week		12	NULL	NULL
Initial-to-Ti	3	30 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	3	30 mg/kg/day	NULL		24	NULL	NULL
Initial-to-Ti	3	30 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	3	30 mg/kg/day	NULL		12	NULL	NULL
Initial-to-Ti	3	30 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	3	30 mg/kg/day	NULL		24	NULL	NULL
Initial-to-Ti	3	30 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	3	30 mg/kg/day	NULL		12	NULL	NULL
Initial-to-Ti	3	30 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	3	30 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Initial-to-Ti	3	30 mg/kg/day	NULL	NULL	NULL	NULL	NULL
Second Ma	3	30 mg/kg/day	NULL	Pathology	Kidney		
Initial-to-Ti	1	100 mg/kg/day	11 week		30	NULL	NULL
Initial-to-Ti	1	100 mg/kg/day	11 week		30	NULL	NULL
Initial-to-Ti	1	100 mg/kg/day	NULL		30	NULL	NULL
Initial-to-Ti	1	100 mg/kg/day	NULL		30	NULL	NULL

Initial-to-T	1	100mg/kg/day	NULL	NULL	NULL	NULL
Second Ma	1	100mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	1	100mg/kg/day	NULL	NULL	NULL	NULL
Second Ma	1	100mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	2	500mg/kg/day	11 week	30	NULL	NULL
Initial-to-T	2	500mg/kg/day	11 week	30	NULL	NULL
Initial-to-T	2	500mg/kg/day	NULL	30	NULL	NULL
Initial-to-T	2	500mg/kg/day	NULL	30	NULL	NULL
Initial-to-T	2	500mg/kg/day	NULL	NULL	NULL	NULL
Second Ma	2	500mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	2	500mg/kg/day	NULL	NULL	NULL	NULL
Second Ma	2	500mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	3	1500mg/kg/day	11 week	30	In-Life Obs	Body Weig
Initial-to-T	3	1500mg/kg/day	11 week	30	In-Life Obs	Clinical Sig
Initial-to-T	3	1500mg/kg/day	11 week	30	In-Life Obs	Body Weig
Initial-to-T	3	1500mg/kg/day	11 week	30	In-Life Obs	Clinical Sig
Initial-to-T	3	1500mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500mg/kg/day	NULL	30	In-Life Obs	Clinical Sig
Initial-to-T	3	1500mg/kg/day	NULL	30	In-Life Obs	Food Cons
Initial-to-T	3	1500mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500mg/kg/day	NULL	30	In-Life Obs	Clinical Sig
Initial-to-T	3	1500mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	3	1500mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Second Ma	3	1500mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Second Ma	3	1500mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	3	1500mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	3	1500mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Second Ma	3	1500mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Second Ma	3	1500mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	1	20mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	1	20mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	2	100mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	2	100mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	3	500mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	3	500mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	1	150mg/kg/day	24 month	50	NULL	NULL
Initial-to-T	1	150mg/kg/day	24 month	50	NULL	NULL
Initial-to-T	2	750mg/kg/day	24 month	50	NULL	NULL
Initial-to-T	2	750mg/kg/day	24 month	50	NULL	NULL
Initial-to-T	3	4500mg/kg/day	24 month	50	In-Life Obs	Body Weig
Initial-to-T	3	4500mg/kg/day	24 month	50	Organ Wei	Ovary

Initial-to-T	3	4500 mg/kg/day	24 month	50Organ WeiOvary
Initial-to-T	3	4500 mg/kg/day	24 month	50Pathology Kidney
Initial-to-T	3	4500 mg/kg/day	24 month	50Pathology Kidney
Initial-to-T	3	4500 mg/kg/day	24 month	50In-Life ObsBody Weig
Initial-to-T	3	4500 mg/kg/day	24 month	50Organ WeiTestes
Initial-to-T	3	4500 mg/kg/day	24 month	50Organ WeiTestes
Initial-to-T	3	4500 mg/kg/day	24 month	50Pathology Kidney
Initial-to-T	3	4500 mg/kg/day	24 month	50Pathology Liver
Initial-to-T	3	4500 mg/kg/day	24 month	50Pathology Liver
Initial-to-T	1	89 mg/kg/day	24 month	50NULL NULL
Interim Sac	1	89 mg/kg/day	12 month	10NULL NULL
Initial-to-T	1	113 mg/kg/day	24 month	50NULL NULL
Interim Sac	1	113 mg/kg/day	12 month	10NULL NULL
Initial-to-T	2	362 mg/kg/day	24 month	50NULL NULL
Interim Sac	2	362 mg/kg/day	12 month	10NULL NULL
Initial-to-T	2	457 mg/kg/day	24 month	50Pathology Stomach
Interim Sac	2	457 mg/kg/day	12 month	10NULL NULL
Initial-to-T	3	940 mg/kg/day	24 month	50Organ WeiLiver
Initial-to-T	3	940 mg/kg/day	24 month	50Organ WeiLiver
Initial-to-T	3	940 mg/kg/day	24 month	50Organ WeiLiver
Initial-to-T	3	940 mg/kg/day	24 month	50Pathology Urinalysis
Initial-to-T	3	940 mg/kg/day	24 month	50Pathology Urinalysis
Initial-to-T	3	940 mg/kg/day	24 month	50Pathology Eye
Initial-to-T	3	940 mg/kg/day	24 month	50Pathology Eye
Initial-to-T	3	940 mg/kg/day	24 month	50Pathology Pancreas
Interim Sac	3	940 mg/kg/day	12 month	10NULL NULL
Initial-to-T	3	1183 mg/kg/day	24 month	50In-Life ObsBody Weig
Initial-to-T	3	1183 mg/kg/day	24 month	50In-Life ObsBody Weig
Initial-to-T	3	1183 mg/kg/day	24 month	50Pathology Stomach
Interim Sac	3	1183 mg/kg/day	12 month	10NULL NULL
Initial-to-T	1	3.05 mg/kg/day	26 month	50NULL NULL
Initial-to-T	1	3.37 mg/kg/day	26 month	50NULL NULL
Initial-to-T	2	10.3 mg/kg/day	26 month	50NULL NULL
Initial-to-T	2	11.22 mg/kg/day	26 month	50NULL NULL
Initial-to-T	3	31.45 mg/kg/day	26 month	50NULL NULL
Initial-to-T	3	34.02 mg/kg/day	26 month	50NULL NULL

effect_desc	direction	effect_freq	target_site	focal_diff	uloe	effect_cat	endpoint_	endpoint_
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Plasma Cholinesterase	Decrease	stated as s	NULL			-1 Cholinesterase	ChE	Cholinesterase
Erythrocyte Cholinesterase	Decrease		NULL			-1 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease	stated as s	NULL			-1 Cholinesterase	ChE	Cholinesterase
Erythrocyte Cholinesterase	Decrease		NULL			-1 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease	stated as s	NULL			-1 Cholinesterase	ChE	Cholinesterase
Brain Cholinesterase	Decrease		NULL			-1 Cholinesterase	ChE	Cholinesterase
Erythrocyte Cholinesterase	Decrease		NULL			0 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease	stated as s	NULL			0 Cholinesterase	ChE	Cholinesterase
Body Weight Gain	Decrease		NULL			0 Systemic	SysCarc	OtherSystemic
Aggressive Behavior	Increase		NULL			0 Systemic	SysCarc	OtherSystemic
reactivity to handling	Increase	sound and	NULL			0 Systemic	SysCarc	OtherSystemic
soft stools	Increase		NULL			0 Systemic	SysCarc	OtherSystemic
Brain Cholinesterase	Decrease		NULL			0 Cholinesterase	ChE	Cholinesterase
Erythrocyte Cholinesterase	Decrease		NULL			0 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease	stated as s	NULL			0 Cholinesterase	ChE	Cholinesterase
Body Weight Gain	Decrease		NULL			0 Systemic	SysCarc	OtherSystemic
reactivity to handling	Increase	sound and	NULL			0 Systemic	SysCarc	OtherSystemic
soft stools	Increase		NULL			0 Systemic	SysCarc	OtherSystemic
Absolute	Increase	absolute w	NULL			0 Systemic	SysCarc	OrganWeight
Relative to Body Weight	Increase	relative to	NULL			0 Systemic	SysCarc	OrganWeight
Brain Cholinesterase	Decrease		NULL			0 Cholinesterase	ChE	Cholinesterase
Erythrocyte Cholinesterase	Decrease		NULL			0 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease	stated as s	NULL			0 Cholinesterase	ChE	Cholinesterase
Hematocrit (HCT)	Decrease		NULL			0 Systemic	SysCarc	OtherSystemic
Hemoglobin (HGB)	Decrease		NULL			0 Systemic	SysCarc	OtherSystemic
Leukocyte (WBC)	Increase		NULL			0 Systemic	SysCarc	OtherSystemic
Reticulocyte	Increase		NULL			0 Systemic	SysCarc	OtherSystemic
Hypertrophy	Increase		Hepatocyte			0 Systemic	SysCarc	Pathology
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Gain	Decrease		NULL			-1 Maternal	SysCarc	OtherSystemic
Postimplantation loss	Increase	not statistical	NULL			0 Maternal	DevRepro	Reproductive

Preimplantation loss	Increase	not statistically significant	NULL			0	Maternal	DevRepro	Reproductive
Preimplantation loss	Increase	not statistically significant	NULL			0	Maternal	DevRepro	Reproductive
Resorptions	Increase		NULL			0	Maternal	DevRepro	Reproductive
Short	Increase	rudimentary	Rib			-1	Development	DevRepro	Development
Short	Increase	rudimentary	Rib			-1	Development	DevRepro	Development
Fetal weight	Decrease		NULL			0	Maternal	SysCarc	OtherSystem
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Gain	Decrease		NULL			-1	Maternal	SysCarc	OtherSystem
Convulsions	Increase		NULL			-1	Maternal	SysCarc	OtherSystem
Tremors	Increase		NULL			-1	Maternal	SysCarc	OtherSystem
Congestion	Increase	congestion	NULL			0	Maternal	SysCarc	Pathology
Erosion	Increase	erosion in	NULL			0	Maternal	SysCarc	Pathology
Hemorrhage	Increase	hemorrhage	NULL			0	Maternal	SysCarc	Pathology
Died Pregnant	Increase		NULL			-1	Maternal	SysCarc	OtherSystem
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Gain	Decrease	5-6%	NULL			-1	Parental	SysCarc	OtherSystem
Offspring (pup) Weight	Decrease		NULL			-1	Offspring	SysCarc	OtherSystem
Lactation index	Decrease		NULL			-1	Offspring	DevRepro	Reproductive
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Gain	Decrease		NULL			-1	Parental	SysCarc	OtherSystem
Offspring (pup) Weight	Decrease		NULL			-1	Offspring	SysCarc	OtherSystem
Lactation index	Decrease		NULL			-1	Offspring	DevRepro	Reproductive
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Gain	Decrease	9%	NULL			0	Parental	SysCarc	OtherSystem
Offspring (pup) Weight	Decrease		NULL			0	Offspring	SysCarc	OtherSystem
Litter size	Decrease		NULL			0	Reproductive	DevRepro	Reproductive
Lactation index	Decrease		NULL			0	Offspring	DevRepro	Reproductive
Viability index	Decrease		NULL			0	Offspring	DevRepro	Reproductive
Sex ratio (% male)	Increase	54.10%	NULL			-1	Reproductive	DevRepro	Reproductive
Fertility	Decrease		NULL			-1	Reproductive	DevRepro	Reproductive
Mating	Decrease		NULL			-1	Reproductive	DevRepro	Reproductive
Offspring (pup) Weight	Decrease		NULL			0	Offspring	SysCarc	OtherSystem
Litter size	Decrease		NULL			0	Reproductive	DevRepro	Reproductive

Lactation index	Decrease		NULL			0Offspring	DevRepro	Reproduct
Viability index	Decrease		NULL			0Offspring	DevRepro	Reproduct
Tremors	Increase		NULL			-1Parental	SysCarc	OtherSyste
Mortality	Increase	Parental	NULL			-1Parental	SysCarc	OtherSyste
Gestational interval	Increase		NULL			-1Reproduct	DevRepro	Reproduct
Dystocia	Increase		NULL			-1Reproduct	SysCarc	OtherSyste
Body Weight Gain	Decrease		NULL			0Parental	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			0Offspring	SysCarc	OtherSyste
Lactation index	Decrease		NULL			0Offspring	DevRepro	Reproduct
Viability index	Decrease		NULL			0Offspring	DevRepro	Reproduct
Fertility	Decrease		NULL			-1Reproduct	DevRepro	Reproduct
Gestational interval	Increase		NULL			-1Reproduct	DevRepro	Reproduct
Mating	Decrease		NULL			-1Reproduct	DevRepro	Reproduct
Offspring (pup) We	Decrease		NULL			0Offspring	SysCarc	OtherSyste
Litter size	Decrease		NULL			0Reproduct	DevRepro	Reproduct
Lactation index	Decrease		NULL			0Offspring	DevRepro	Reproduct
Viability index	Decrease		NULL			0Offspring	DevRepro	Reproduct
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
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NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Relative to Brain W	Decrease		NULL			0Systemic	SysCarc	OrganWeig
Cholinesterase (ChE	Decrease		NULL			0Cholineste	ChE	Cholineste
Relative to Brain W	Decrease		NULL			0Systemic	SysCarc	OrganWeig
Cholinesterase (ChE	Decrease		Mandibular			-1Cholineste	ChE	Cholineste

Plasma Cholinesterase:Decrease			NULL			-1 Cholinesterase ChE		Cholinesterase
Food Consumption Decrease			NULL			-1 Systemic	SysCarc	OtherSystemic
Absolute Decrease			NULL			0 Systemic	SysCarc	OrganWeight
Relative to Brain Weight:Decrease			NULL			0 Systemic	SysCarc	OrganWeight
Absolute Decrease			Mandibular			0 Systemic	SysCarc	OrganWeight
Relative to Body Weight:Decrease			Mandibular			0 Systemic	SysCarc	OrganWeight
Brain Cholinesterase:Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
Cholinesterase (ChE):Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
Erythrocyte Cholinesterase:Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
[Not In List] Increase	Serum amylase		NULL			-1 Systemic	SysCarc	OtherSystemic
Body Weight Decrease			Mandibular			-1 Systemic	SysCarc	OtherSystemic
Body Weight Gain Decrease			NULL			-1 Systemic	SysCarc	OtherSystemic
Food Consumption Decrease			NULL			-1 Systemic	SysCarc	OtherSystemic
Brain Cholinesterase:Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
Cholinesterase (ChE):Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
Erythrocyte Cholinesterase:Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
[Not In List] Increase	Serum amylase		NULL			-1 Systemic	SysCarc	OtherSystemic
Body Weight Decrease			Mandibular			0 Systemic	SysCarc	OtherSystemic
Body Weight Gain Decrease			NULL			0 Systemic	SysCarc	OtherSystemic
Dehydration Increase	1 dog		NULL			0 Systemic	SysCarc	OtherSystemic
Emaciation Increase	1 dog		NULL			0 Systemic	SysCarc	OtherSystemic
Food Consumption Decrease			NULL			0 Systemic	SysCarc	OtherSystemic
Brain Cholinesterase:Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
Cholinesterase (ChE):Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
Erythrocyte Cholinesterase:Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
[Not In List] Increase	Serum amylase		NULL			0 Systemic	SysCarc	OtherSystemic
Body Weight Decrease			Mandibular			0 Systemic	SysCarc	OtherSystemic
Body Weight Gain Decrease			NULL			0 Systemic	SysCarc	OtherSystemic
Food Consumption Decrease			NULL			0 Systemic	SysCarc	OtherSystemic
Absolute Decrease			NULL			0 Systemic	SysCarc	OrganWeight
Relative to Brain Weight:Decrease			NULL			0 Systemic	SysCarc	OrganWeight
Absolute Decrease			Mandibular			0 Systemic	SysCarc	OrganWeight
Relative to Body Weight:Decrease			Mandibular			0 Systemic	SysCarc	OrganWeight
Brain Cholinesterase:Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
Cholinesterase (ChE):Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
Erythrocyte Cholinesterase:Decrease			NULL			0 Cholinesterase ChE		Cholinesterase
[Not In List] Increase	Serum amylase		NULL			0 Systemic	SysCarc	OtherSystemic
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Plasma Cholinesterase:Decrease	dose related		NULL			-1 Cholinesterase ChE		Cholinesterase
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Plasma Cholinesterase:Decrease			NULL			-1 Systemic	SysCarc	OtherSystemic
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

[illegible]

Offspring (pup) We	Decrease					NULL			-1 Developmental	DevRepro	OtherSystemic
Errors	Increase					0			0 Developmental	DevRepro	Developmental
Errors	Increase					0			0 Developmental	DevRepro	Developmental
Errors	Increase					0			0 Developmental	DevRepro	Developmental
Latency	Increase					0			0 Developmental	DevRepro	Developmental
Latency	Increase					0			0 Developmental	DevRepro	Developmental
Latency	Increase					0			0 Developmental	DevRepro	Developmental
Brain Cholinesterase	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase
Erythrocyte Choline	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase
Preputial separation	Decrease					NULL			-1 Developmental	DevRepro	Developmental
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Brain Cholinesterase	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase
Erythrocyte Choline	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease					NULL			-1 Cholinesterase	ChE	Cholinesterase
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Brain Cholinesterase	Decrease					NULL			-1 Cholinesterase	ChE	Cholinesterase
Erythrocyte Choline	Decrease					NULL			-1 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease					NULL			-1 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease					NULL			-1 Cholinesterase	ChE	Cholinesterase
Body Weight Gain	Decrease	During lact				NULL			-1 Maternal	SysCarc	OtherSystemic
Pupillary function (c	Decrease	Absence of				NULL			-1 Maternal	SysCarc	OtherSystemic
Tremors	Increase	2 rats				NULL			-1 Maternal	SysCarc	OtherSystemic
Brain Cholinesterase	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase
Erythrocyte Choline	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase
Offspring (pup) We	Decrease					NULL			-1 Developmental	DevRepro	OtherSystemic
Offspring (pup) We	Decrease					NULL			-1 Developmental	DevRepro	OtherSystemic
Surface righting ref	Decrease					NULL			0 Developmental	DevRepro	Developmental
Brain Cholinesterase	Decrease					NULL			-1 Cholinesterase	ChE	Cholinesterase
Erythrocyte Choline	Decrease					NULL			-1 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase
Offspring (pup) We	Decrease					NULL			-1 Developmental	DevRepro	OtherSystemic
Offspring (pup) We	Decrease					NULL			-1 Developmental	DevRepro	OtherSystemic
Brain Cholinesterase	Decrease					NULL			-1 Cholinesterase	ChE	Cholinesterase
Erythrocyte Choline	Decrease					NULL			-1 Cholinesterase	ChE	Cholinesterase
Plasma Cholinesterase	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase
[Not In List]	Increase	At 1000 m				NULL			0 Maternal	SysCarc	OtherSystemic
Food Consumption	Decrease					NULL			0 Maternal	SysCarc	OtherSystemic
Died	Increase	During 1st				NULL			0 Maternal	SysCarc	OtherSystemic
Erythrocyte Choline	Decrease					NULL			0 Cholinesterase	ChE	Cholinesterase

NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Salivation	Increase	Post-dosin	NULL			0 Maternal	SysCarc	OtherSyste
Salivation	Increase	Post-dosin	NULL			0 Maternal	SysCarc	OtherSyste
Erythrocyte Choline	Decrease		NULL			0 Cholineste	ChE	Cholineste
Plasma Cholinesterase	Decrease		NULL			0 Cholineste	ChE	Cholineste
Brain Cholinesterase	Decrease		NULL			0 Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0 Cholineste	ChE	Cholineste
Plasma Cholinesterase	Decrease		NULL			0 Cholineste	ChE	Cholineste
Brain Cholinesterase	Decrease		NULL			0 Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0 Cholineste	ChE	Cholineste
Plasma Cholinesterase	Decrease		NULL			0 Cholineste	ChE	Cholineste
Moribundity	Increase		NULL			0 Developm	SysCarc	OtherSyste
Tremors	Increase		NULL			0 Developm	DevRepro	Developm
Brain Cholinesterase	Decrease		NULL			0 Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0 Cholineste	ChE	Cholineste
Plasma Cholinesterase	Decrease		NULL			0 Cholineste	ChE	Cholineste
Moribundity	Increase		NULL			0 Developm	SysCarc	OtherSyste
Tremors	Increase		NULL			0 Developm	DevRepro	Developm
Brain Cholinesterase	Decrease		NULL			0 Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0 Cholineste	ChE	Cholineste
Plasma Cholinesterase	Decrease		NULL			0 Cholineste	ChE	Cholineste
Body Cold to Touch	Increase		NULL			0 Developm	SysCarc	OtherSyste
General Pallor	Increase		NULL			0 Developm	SysCarc	OtherSyste
Moribundity	Increase		NULL			0 Developm	SysCarc	OtherSyste
reduced activity	Increase		NULL			0 Developm	DevRepro	Developm
Tremors	Increase	Forelimb &	NULL			0 Developm	DevRepro	Developm
Mortality	Increase		NULL			0 Developm	SysCarc	OtherSyste
Body Cold to Touch	Increase		NULL			0 Developm	SysCarc	OtherSyste
General Pallor	Increase		NULL			0 Developm	SysCarc	OtherSyste
Moribundity	Increase		NULL			0 Developm	SysCarc	OtherSyste
reduced activity	Increase		NULL			0 Developm	DevRepro	Developm
Tremors	Increase	Forelimb &	NULL			0 Developm	DevRepro	Developm
Mortality	Increase		NULL			0 Developm	SysCarc	OtherSyste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
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NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte Choline	Decrease		NULL			-1 Cholineste	ChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte Choline	Decrease		NULL			-1 Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			-1 Cholineste	ChE	Cholineste

Erythrocyte CholineDecrease			NULL			-1 CholinesteChE	Cholineste
Erythrocyte CholineDecrease			NULL			-1 CholinesteChE	Cholineste
Erythrocyte CholineDecrease			NULL			-1 CholinesteChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte CholineDecrease			NULL			-1 CholinesteChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
Plasma Cholinester:Decrease			NULL			0 CholinesteChE	Cholineste
Brain CholinesterasDecrease			NULL			0 CholinesteChE	Cholineste
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
Plasma Cholinester:Decrease			NULL			0 CholinesteChE	Cholineste
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
Plasma Cholinester:Decrease			NULL			0 CholinesteChE	Cholineste
Brain CholinesterasDecrease			NULL			0 CholinesteChE	Cholineste
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
Plasma Cholinester:Decrease			NULL			0 CholinesteChE	Cholineste
Salivation	Increase	Post-dosin	NULL			0 Maternal SysCarc	OtherSyste
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
Salivation	Increase	Post-dosin	NULL			0 Maternal SysCarc	OtherSyste
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
Salivation	Increase	Post-dosin	NULL			0 Maternal SysCarc	OtherSyste
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Brain CholinesterasDecrease			NULL			0 CholinesteChE	Cholineste
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
Plasma Cholinester:Decrease			NULL			0 CholinesteChE	Cholineste
Brain CholinesterasDecrease			NULL			0 CholinesteChE	Cholineste
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
Plasma Cholinester:Decrease			NULL			0 CholinesteChE	Cholineste
Brain CholinesterasDecrease			NULL			0 CholinesteChE	Cholineste
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
Plasma Cholinester:Decrease			NULL			0 CholinesteChE	Cholineste
Brain CholinesterasDecrease			NULL			0 CholinesteChE	Cholineste
Erythrocyte CholineDecrease			NULL			0 CholinesteChE	Cholineste
Plasma Cholinester:Decrease			NULL			0 CholinesteChE	Cholineste
Erythrocyte CholineDecrease			NULL			-1 CholinesteChE	Cholineste
Erythrocyte CholineDecrease			NULL			-1 CholinesteChE	Cholineste
Plasma Cholinester:Decrease			NULL			-1 CholinesteChE	Cholineste
Moribundity	Increase	1 pup (Sex	NULL			0 DevelopmSysCarc	OtherSyste
Tremors	Increase		NULL			0 DevelopmDevRepro	Developm
Brain CholinesterasDecrease			NULL			0 CholinesteChE	Cholineste

NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Offspring (pup) We Decrease	F1 a offspr	NULL				-1 Offspring	SysCarc	OtherSyste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Offspring (pup) We Decrease	F2b offspr	NULL				-1 Offspring	SysCarc	OtherSyste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Offspring (pup) We Decrease	F1 a offspr	NULL				-1 Offspring	SysCarc	OtherSyste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Offspring (pup) We Decrease	F2b offspr	NULL				-1 Offspring	SysCarc	OtherSyste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Decrease		NULL				-1 Parental	SysCarc	OtherSyste
Offspring (pup) We Decrease	F1a offspr	NULL				0 Offspring	SysCarc	OtherSyste
Offspring (pup) We Decrease	F1b offspr	NULL				0 Offspring	SysCarc	OtherSyste
Offspring (pup) We Decrease	F2A offspr	NULL				0 Offspring	SysCarc	OtherSyste
Offspring (pup) We Decrease	F2b offspr	NULL				0 Offspring	SysCarc	OtherSyste
Body Weight Decrease		NULL				-1 Parental	SysCarc	OtherSyste
Body Weight Decrease		NULL				-1 Parental	SysCarc	OtherSyste
Offspring (pup) We Decrease	F1a offspr	NULL				0 Offspring	SysCarc	OtherSyste
Offspring (pup) We Decrease	F1b offspr	NULL				0 Offspring	SysCarc	OtherSyste
Offspring (pup) We Decrease	F2a offspr	NULL				0 Offspring	SysCarc	OtherSyste
Offspring (pup) We Decrease		NULL				0 Offspring	SysCarc	OtherSyste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
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NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte CholineDecrease	Only check	NULL				-1 Cholineste	ChE	Cholineste
Plasma Cholinester:Decrease	Only check	NULL				-1 Cholineste	ChE	Cholineste
Erythrocyte CholineDecrease		NULL				-1 Cholineste	ChE	Cholineste
Plasma Cholinester:Decrease		NULL				-1 Cholineste	ChE	Cholineste
Erythrocyte CholineDecrease	Only check	NULL				-1 Cholineste	ChE	Cholineste
Plasma Cholinester:Decrease	Only check	NULL				-1 Cholineste	ChE	Cholineste
Erythrocyte CholineDecrease		NULL				-1 Cholineste	ChE	Cholineste
Plasma Cholinester:Decrease		NULL				-1 Cholineste	ChE	Cholineste
Body Weight Decrease		NULL				-1 Systemic	SysCarc	OtherSyste
Food Consumption Decrease		NULL				-1 Systemic	SysCarc	OtherSyste
NOS Increase		NULL				-1 Systemic	SysCarc	OrganWeig
Erythrocyte CholineDecrease	Only check	NULL				0 Cholineste	ChE	Cholineste
Plasma Cholinester:Decrease	Only check	NULL				0 Cholineste	ChE	Cholineste

Nodule(s)	Increase	NULL	0Systemic	SysCarc	PathologyC
Adenoma	Increase	Hepatocyte	0Systemic	SysCarc	Pathologyf
Adenoma/Carcinon	Increase	Hepatocyte	0Systemic	SysCarc	Pathologyf
Vacuolization	Decrease	decreased Renal Tubule	0Systemic	SysCarc	Pathologyf
Hypertrophy	Increase	Hepatocyte	-1Systemic	SysCarc	Pathologyf
Erythrocyte Choline	Decrease	9 and 12 r	0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease	9 and 12 r	0Cholineste	ChE	Cholineste
Body Weight	Decrease	NULL	-1Systemic	SysCarc	OtherSyste
Food Consumption	Decrease	NULL	-1Systemic	SysCarc	OtherSyste
NOS	Increase	NULL	-1Systemic	SysCarc	OrganWeig
Erythrocyte Choline	Decrease	Only check	0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease	Only check	0Cholineste	ChE	Cholineste
Nodule(s)	Increase	NULL	0Systemic	SysCarc	PathologyC
Adenoma	Increase	Hepatocyte	0Systemic	SysCarc	Pathologyf
Adenoma/Carcinon	Increase	Hepatocyte	0Systemic	SysCarc	Pathologyf
[Not In List]	Increase	early dissa 0	0Systemic	SysCarc	Pathologyf
Fibrous Osteodystr	Increase	decreased Sternum	0Systemic	NULL	NULL
Fibrous Osteodystr	Increase	decreased Femur	0Systemic	NULL	NULL
Mineralization	Increase	NULL	0Systemic	SysCarc	Pathologyf
Hypertrophy	Increase	Hepatocyte	-1Systemic	SysCarc	Pathologyf
Erythrocyte Choline	Decrease	9 and 12 r	0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease	9 and 12 r	0Cholineste	ChE	Cholineste
Body Weight	Decrease	NULL	0Systemic	SysCarc	OtherSyste
Food Consumption	Decrease	NULL	0Systemic	SysCarc	OtherSyste
NOS	Increase	NULL	0Systemic	SysCarc	OrganWeig
Brain Cholinesteras	Decrease	Only check	-1Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease	Only check	0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease	Only check	0Cholineste	ChE	Cholineste
Foci	Increase	NULL	0Systemic	SysCarc	PathologyC
Mass	Increase	NULL	0Systemic	SysCarc	PathologyC
Nodule(s)	Increase	NULL	0Systemic	SysCarc	PathologyC
Adenoma	Increase	Hepatocyte	0Systemic	SysCarc	Pathologyf
Adenoma/Carcinon	Increase	Hepatocyte	0Systemic	SysCarc	Pathologyf
Vacuolization	Decrease	decreased Renal Tubule	0Systemic	SysCarc	Pathologyf
Hypertrophy	Increase	Hepatocyte	0Systemic	SysCarc	Pathologyf
Erythrocyte Choline	Decrease	9 and 12 r	0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease	9 and 12 r	0Cholineste	ChE	Cholineste
Body Weight	Decrease	NULL	0Systemic	SysCarc	OtherSyste
Food Consumption	Decrease	NULL	0Systemic	SysCarc	OtherSyste
NOS	Increase	NULL	0Systemic	SysCarc	OrganWeig
Brain Cholinesteras	Decrease	Only check	-1Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease	Only check	0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease	Only check	0Cholineste	ChE	Cholineste
Foci	Increase	NULL	0Systemic	SysCarc	PathologyC
Mass	Increase	NULL	0Systemic	SysCarc	PathologyC

Nodule(s)	Increase		NULL			0Systemic	SysCarc	PathologyC
Adenoma	Increase		Hepatocyte			0Systemic	SysCarc	Pathologyf
Adenoma/Carcinoma	Increase		Hepatocyte			0Systemic	SysCarc	Pathologyf
[Not In List]	Increase	early dissa	0			0Systemic	SysCarc	Pathologyf
Fibrous Osteodysplasia	Increase	decreased	Femur			0Systemic	NULL	NULL
Fibrous Osteodysplasia	Increase	decreased	Sternum			0Systemic	NULL	NULL
Mineralization	Increase		NULL			0Systemic	SysCarc	Pathologyf
Hypertrophy	Increase		Hepatocyte			0Systemic	SysCarc	Pathologyf
Erythrocyte Cholinesterase	Decrease	9 and 12 n	NULL			0Cholineste	ChE	Cholineste
Plasma Cholinesterase	Decrease	9 and 12 n	NULL			0Cholineste	ChE	Cholineste
Hyperplasia	Increase		NULL			0Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Leukemia	Increase	lymphoret	NULL			0Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		NULL			0Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Mortality	Increase		NULL			0Systemic	SysCarc	OtherSyste
Erythrocyte Cholinesterase	Decrease	Checked in	NULL			0Cholineste	ChE	Cholineste
Plasma Cholinesterase	Decrease	Checked in	NULL			-1Cholineste	ChE	Cholineste
Irregular Surface	Increase		NULL			0Systemic	SysCarc	PathologyC
Leukemia	Increase	lymphoret	NULL			0Systemic	SysCarc	Pathologyf
Carcinoma	Increase		C-Cell			0Systemic	SysCarc	Pathologyf
Congestion	Increase		Sternal			0Systemic	SysCarc	Pathologyf
Congestion	Increase		Femoral			0Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0Systemic	SysCarc	Pathologyf
Mineralization	Increase		Cornea			0Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0Systemic	SysCarc	Pathologyf
Atrophy	Increase	lymphoid c	Mediastinal			0Systemic	SysCarc	Pathologyf
Depletion	Increase	lymphoid c	Mediastinal			0Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		NULL			0Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte Cholinesterase	Decrease	Checked in	NULL			-1Cholineste	ChE	Cholineste
Leukemia	Increase	lymphoret	NULL			0Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute-c	Bilateral			0Systemic	SysCarc	Pathologyf
Inflammation	Increase	Bilateral s	Bilateral			0Systemic	SysCarc	Pathologyf
Nephropathy	Increase	chronic	Bilateral			0Systemic	SysCarc	Pathologyf

Hyperplasia	Increase	NULL				0Systemic	SysCarc	Pathologyf
Congestion	Increase	NULL				0Systemic	SysCarc	Pathologyf
Edema	Increase	NULL				0Systemic	SysCarc	Pathologyf
Hyperkeratosis	Increase	NULL				0Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	squamous	NULL			0Systemic	SysCarc	Pathologyf
Inflammation	Increase	acute/ sub	NULL			0Systemic	SysCarc	Pathologyf
Inflammation	Increase	chronic	NULL			0Systemic	SysCarc	Pathologyf
Ulcer	Increase		NULL			0Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Gain	Decrease		NULL			0Systemic	SysCarc	OtherSyste
Emaciation	Increase		NULL			0Systemic	SysCarc	OtherSyste
Mortality	Increase		NULL			0Systemic	SysCarc	OtherSyste
Absolute	Increase	Absolute v	NULL			0Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative to	NULL			0Systemic	SysCarc	OrganWeig
Relative to Brain W	Increase	Relative to	NULL			0Systemic	SysCarc	OrganWeig
Absolute	Increase	Absolute v	NULL			0Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative to	NULL			0Systemic	SysCarc	OrganWeig
Relative to Brain W	Increase	Relative to	NULL			0Systemic	SysCarc	OrganWeig
Absolute	Increase	Absolute v	NULL			0Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative to	NULL			0Systemic	SysCarc	OrganWeig
Relative to Brain W	Increase	Relative to	NULL			0Systemic	SysCarc	OrganWeig
Absolute	Increase	Absolute v	NULL			0Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative to	NULL			0Systemic	SysCarc	OrganWeig
Relative to Brain W	Increase	Relative to	NULL			0Systemic	SysCarc	OrganWeig
Alkaline phosphata	Decrease	Checked in	NULL			0Systemic	SysCarc	OtherSyste
Brain Cholinesteras	Decrease	Checked in	NULL			-1 Cholineste	ChE	Cholineste
Cholesterol	Increase	Checked in	NULL			0Systemic	SysCarc	OtherSyste
Erythrocyte Choline	Decrease	Checked in	NULL			0Cholineste	ChE	Cholineste
Gamma glutamyl tr	Increase	Checked in	NULL			0Systemic	SysCarc	OtherSyste
Plasma Cholinester	Decrease	Checked in	NULL			0Cholineste	ChE	Cholineste
Hematocrit (HCT)	Decrease	Decreased	NULL			0Systemic	SysCarc	OtherSyste
Hemoglobin (HGB)	Decrease	Decreased	NULL			0Systemic	SysCarc	OtherSyste
Mean Corpuscular (	Decrease	Checked in	NULL			0Systemic	SysCarc	OtherSyste
Mean Corpuscular I	Decrease	Checked in	NULL			0Systemic	SysCarc	OtherSyste
Platelet	Increase	Checked in	NULL			0Systemic	SysCarc	OtherSyste
Irregular Surface	Increase		NULL			0Systemic	SysCarc	Pathologyf
Leukemia	Increase	lymphoret	NULL			0Systemic	SysCarc	Pathologyf
Vacuolization	Increase			0		0Systemic	SysCarc	Pathologyf
Congestion	Increase	Femoral				0Systemic	SysCarc	Pathologyf
Congestion	Increase	Sternal				0Systemic	SysCarc	Pathologyf
Congestion	Increase	NULL				0Systemic	SysCarc	Pathologyf
Infiltration Cellular	Increase	neutrophil		0		0Systemic	SysCarc	Pathologyf
Mineralization	Increase	Cornea				0Systemic	SysCarc	Pathologyf

Congestion	Increase	NULL				0	Systemic	SysCarc	Pathologyf
Congestion	Increase	NULL				0	Systemic	SysCarc	Pathologyf
Congestion	Increase	NULL				0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute-c	Bilateral			0	Systemic	SysCarc	Pathologyf
Nephropathy	Increase	chronic	Bilateral			0	Systemic	SysCarc	Pathologyf
Congestion	Increase	NULL				0	Systemic	SysCarc	Pathologyf
Congestion	Increase	NULL				0	Systemic	SysCarc	Pathologyf
Spongiosis Hepatis	Increase	NULL				0	Systemic	SysCarc	Pathologyf
Atelectasis	Increase	collapse	Alveolus			0	Systemic	SysCarc	Pathologyf
Congestion	Increase	NULL				0	Systemic	SysCarc	Pathologyf
Atrophy	Increase	lymphoid c	Mediastinal			0	Systemic	SysCarc	Pathologyf
Depletion	Increase	lymphoid c	Mediastinal			0	Systemic	SysCarc	Pathologyf
Cyst	Increase					0	Systemic	SysCarc	Pathologyf
Degeneration	Increase					0	Systemic	SysCarc	Pathologyf
Dilatation	Increase	dilated gla				0	Systemic	SysCarc	Pathologyf
Dilatation	Increase	dilated gla				0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase					0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase					0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase					0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute/				0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute/				0	Systemic	SysCarc	Pathologyf
[Not In List]	Increase	replaceme				0	Systemic	SysCarc	Pathologyf
Congestion	Increase	NULL				0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	NULL				0	Systemic	SysCarc	Pathologyf
Congestion	Increase	NULL				0	Systemic	SysCarc	Pathologyf
Atrophy	Increase	Lymphoid Follicle				0	Systemic	SysCarc	Pathologyf
Depletion	Increase	Lymphoid Follicle				0	Systemic	SysCarc	Pathologyf
Congestion	Increase	Forestomach				0	Systemic	SysCarc	Pathologyf
Edema	Increase	Forestomach				0	Systemic	SysCarc	Pathologyf
Hyperkeratosis	Increase	Forestomach				0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	squamous	Forestomach			0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	Basal Cell f	Forestomach			0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	chronic	Forestomach			0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	acute/ sub	Forestomach			0	Systemic	SysCarc	Pathologyf
Ulcer	Increase	Forestomach				0	Systemic	SysCarc	Pathologyf
Congestion	Increase	NULL				0	Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Absolute	Increase	Absolute w	NULL			0	Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative w	NULL			0	Systemic	SysCarc	OrganWeig
Absolute	Increase	Absolute w	NULL			0	Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative w	NULL			0	Systemic	SysCarc	OrganWeig
Absolute	Increase	Absolute w	NULL			0	Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative w	NULL			0	Systemic	SysCarc	OrganWeig
Absolute	Increase	Absolute w	NULL			0	Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative w	NULL			0	Systemic	SysCarc	OrganWeig

Absolute	Increase	Absolute v	NULL			0	Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative w	NULL			0	Systemic	SysCarc	OrganWeig
Cellular Alteration	Increase	olfactory e	Olfactory Epithelium			0	Systemic	SysCarc	Pathologyf
Cyst	Increase		Epithelium			0	Systemic	SysCarc	Pathologyf
Degeneration	Increase					0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase					0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute (				0	Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Gain	Decrease		NULL			0	Systemic	SysCarc	OtherSyste
Emaciation	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Absolute	Increase	Absolute v	NULL			0	Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative to	NULL			0	Systemic	SysCarc	OrganWeig
Relative to Brain W	Increase	Relative to	NULL			0	Systemic	SysCarc	OrganWeig
Absolute	Increase	Absolute v	NULL			0	Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative to	NULL			0	Systemic	SysCarc	OrganWeig
Relative to Brain W	Increase	Relative to	NULL			0	Systemic	SysCarc	OrganWeig
Absolute	Decrease	Absolute v	NULL			0	Systemic	SysCarc	OrganWeig
Relative to Body W	Decrease	Relative to	NULL			0	Systemic	SysCarc	OrganWeig
Relative to Brain W	Decrease	Relative to	NULL			0	Systemic	SysCarc	OrganWeig
Alkaline phosphata	Decrease	Checked in	NULL			0	Systemic	SysCarc	OtherSyste
Brain Cholinesteras	Decrease	Checked in	NULL			-1	Cholineste	ChE	Cholineste
Cholesterol	Increase	Checked in	NULL			0	Systemic	SysCarc	OtherSyste
Erythrocyte Choline	Decrease	Checked in	NULL			0	Cholineste	ChE	Cholineste
Gamma glutamyl tr	Increase	Checked in	NULL			0	Systemic	SysCarc	OtherSyste
Plasma Cholinester	Decrease	Checked in	NULL			0	Cholineste	ChE	Cholineste
Hematocrit (HCT)	Decrease	Decreased	NULL			0	Systemic	SysCarc	OtherSyste
Hemoglobin (HGB)	Decrease	Decreased	NULL			0	Systemic	SysCarc	OtherSyste
Mean Corpuscular (	Decrease	Checked in	NULL			0	Systemic	SysCarc	OtherSyste
Mean Corpuscular I	Decrease	Checked in	NULL			0	Systemic	SysCarc	OtherSyste
Platelet	Increase	Increased ;	NULL			0	Systemic	SysCarc	OtherSyste
Platelet	Increase	Checked in	NULL			0	Systemic	SysCarc	OtherSyste
Adenoma	Increase		Hepatocyte			0	Systemic	SysCarc	Pathologyf
Adenoma	Increase		Pars Distalis			0	Systemic	SysCarc	Pathologyf
Congestion	Increase		Femoral			0	Systemic	SysCarc	Pathologyf
Congestion	Increase		Sternal			0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute-c	Bilateral			0	Systemic	SysCarc	Pathologyf
Nephropathy	Increase	chronic	Bilateral			0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0	Systemic	SysCarc	Pathologyf
Cyst	Increase					0	Systemic	SysCarc	Pathologyf
Degeneration	Increase					0	Systemic	SysCarc	Pathologyf
Dilatation	Increase	dilated gla				0	Systemic	SysCarc	Pathologyf

Dilatation	Increase	dilated gla	0	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		0	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		0	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		0	0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute/	0	0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute/	0	0	Systemic	SysCarc	Pathologyf
[Not In List]	Increase	replaceme	0	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		NULL	0	Systemic	SysCarc	Pathologyf
Atrophy	Increase		Lymphocyte	0	Systemic	SysCarc	Pathologyf
Depletion	Increase		Lymphocyte	0	Systemic	SysCarc	Pathologyf
Congestion	Increase		Forestomach	0	Systemic	SysCarc	Pathologyf
Edema	Increase		Forestomach	0	Systemic	SysCarc	Pathologyf
Hyperkeratosis	Increase		Forestomach	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	squamous	Forestomach	0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	acute/ sub	Forestomach	0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	chronic	Forestomach	0	Systemic	SysCarc	Pathologyf
Ulcer	Increase		Forestomach	0	Systemic	SysCarc	Pathologyf
Absolute	Increase	Absolute w	NULL	0	Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative w	NULL	0	Systemic	SysCarc	OrganWeig
Absolute	Increase	Absolute w	NULL	0	Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative w	NULL	0	Systemic	SysCarc	OrganWeig
Cellular Alteration	Increase	olfactory e	Olfactory Epithelium	0	Systemic	SysCarc	Pathologyf
Cyst	Increase		Epithelium	0	Systemic	SysCarc	Pathologyf
Degeneration	Increase			0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase			0	Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Gain	Decrease		NULL	0	Systemic	SysCarc	OtherSyste
Emaciation	Increase		NULL	0	Systemic	SysCarc	OtherSyste
Mortality	Increase		NULL	0	Systemic	SysCarc	OtherSyste
Alkaline phosphata:	Decrease	Checked in	NULL	0	Systemic	SysCarc	OtherSyste
Brain Cholinesteras	Decrease	Checked in	NULL	0	Cholineste	ChE	Cholineste
Cholesterol	Increase	Checked in	NULL	0	Systemic	SysCarc	OtherSyste
Erythrocyte Choline	Decrease	Checked in	NULL	0	Cholineste	ChE	Cholineste
Gamma glutamyl tr	Increase	Checked in	NULL	0	Systemic	SysCarc	OtherSyste
Plasma Cholinester:	Decrease	Checked in	NULL	0	Cholineste	ChE	Cholineste
Urea nitrogen	Increase	Checked in	NULL	0	Systemic	SysCarc	OtherSyste
Hematocrit (HCT)	Decrease	Decreased	NULL	0	Systemic	SysCarc	OtherSyste
Hemoglobin (HGB)	Decrease	Decreased	NULL	0	Systemic	SysCarc	OtherSyste
Mean Corpuscular (Decrease	Decrease	Checked in	NULL	0	Systemic	SysCarc	OtherSyste
Mean Corpuscular I	Decrease	Checked in	NULL	0	Systemic	SysCarc	OtherSyste
Platelet	Increase	Checked in	NULL	0	Systemic	SysCarc	OtherSyste
Irregular Surface	Increase		NULL	0	Systemic	SysCarc	Pathologyf
Vacuolization	Increase			0	Systemic	SysCarc	Pathologyf
Congestion	Increase		Femoral	0	Systemic	SysCarc	Pathologyf

Congestion	Increase		Sternal			0	Systemic	SysCarc	Pathologyf	
Congestion	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Infiltration Cellular	Increase	neutrophil		0			0	Systemic	SysCarc	Pathologyf
Mineralization	Increase		Cornea				0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute-c	Bilateral				0	Systemic	SysCarc	Pathologyf
Nephropathy	Increase	chronic	Bilateral				0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Spongiosis Hepatis	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Atelectasis	Increase	collapse	Alveolus				0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Atrophy	Increase	lymphoid c	Mediastinal				0	Systemic	SysCarc	Pathologyf
Depletion	Increase	lymphoid c	Mediastinal				0	Systemic	SysCarc	Pathologyf
Cyst	Increase			0			0	Systemic	SysCarc	Pathologyf
Degeneration	Increase			0			0	Systemic	SysCarc	Pathologyf
Dilatation	Increase	dilated gla		0			0	Systemic	SysCarc	Pathologyf
Dilatation	Increase	dilated gla		0			0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase			0			0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase			0			0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute/		0			0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute/		0			0	Systemic	SysCarc	Pathologyf
[Not In List]	Increase	replaceme		0			0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Atrophy	Increase		Lymphoid Follicle				0	Systemic	SysCarc	Pathologyf
Depletion	Increase		Lymphoid Follicle				0	Systemic	SysCarc	Pathologyf
Congestion	Increase		Forestomach				0	Systemic	SysCarc	Pathologyf
Edema	Increase		Forestomach				0	Systemic	SysCarc	Pathologyf
Hyperkeratosis	Increase		Forestomach				0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	Basal Cell f	Forestomach				0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	squamous	Forestomach				0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	chronic	Forestomach				0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	acute/ sub	Forestomach				0	Systemic	SysCarc	Pathologyf
Ulcer	Increase		Forestomach				0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL				0	Systemic	SysCarc	Pathologyf
Cyst	Increase		Follicular Cell				0	Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Absolute	Increase	Absolute w	NULL				0	Systemic	SysCarc	OrganWeig
Relative to Body W	Increase	Relative w	NULL				0	Systemic	SysCarc	OrganWeig
Absolute	Increase	Absolute w	NULL				0	Systemic	SysCarc	OrganWeig

Relative to Body Wt		Increase	Relative w/	NULL	0	Systemic	SysCarc	OrganWeight	
Absolute		Increase	Absolute w/	NULL		0	Systemic	SysCarc	OrganWeight
Relative to Body Wt		Increase	Relative w/	NULL		0	Systemic	SysCarc	OrganWeight
Absolute		Increase	absolute w/	NULL		0	Systemic	SysCarc	OrganWeight
Relative to Body Wt		Increase	Relative w/	NULL		0	Systemic	SysCarc	OrganWeight
Absolute		Increase	Absolute w/	NULL		0	Systemic	SysCarc	OrganWeight
Relative to Body Wt		Increase	Relative w/	NULL		0	Systemic	SysCarc	OrganWeight
Erythrocyte (RBC)	Decrease		NULL			0	Systemic	SysCarc	OtherSystemic
Leukocyte (WBC)	Increase		NULL			0	Systemic	SysCarc	OtherSystemic
Degeneration	Increase				0	0	Systemic	SysCarc	Pathologyf
Nephropathy	Increase	Subacute/	NULL			0	Systemic	SysCarc	Pathologyf
Cellular Alteration	Increase	olfactory e	Olfactory Epithelium			0	Systemic	SysCarc	Pathologyf
Cyst	Increase		Epithelium			0	Systemic	SysCarc	Pathologyf
Degeneration	Increase				0	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase				0	0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute (			0	0	Systemic	SysCarc	Pathologyf
Atrophy	Increase				0	0	Systemic	DevRepro	Pathologyf
Degeneration	Increase				0	0	Systemic	DevRepro	Pathologyf
Developmental Mal	Increase	maturation			0	0	Systemic	DevRepro	Pathologyf
Spermatogenic Arr	Increase	oligosperm	NULL			0	Systemic	DevRepro	Pathologyf
Body Weight Gain	Decrease		NULL			0	Systemic	SysCarc	OtherSystemic
anogenital staining	Increase		NULL			0	Systemic	SysCarc	OtherSystemic
Emaciation	Increase		NULL			0	Systemic	SysCarc	OtherSystemic
Mortality	Increase		NULL			0	Systemic	SysCarc	OtherSystemic
Absolute		Increase	Absolute w/	NULL		0	Systemic	SysCarc	OrganWeight
Relative to Body Wt		Increase	Relative to	NULL		0	Systemic	SysCarc	OrganWeight
Relative to Brain Wt		Increase	Relative to	NULL		0	Systemic	SysCarc	OrganWeight
Absolute		Increase	Absolute w/	NULL		0	Systemic	SysCarc	OrganWeight
Relative to Body Wt		Increase	Relative to	NULL		0	Systemic	SysCarc	OrganWeight
Relative to Brain Wt		Increase	Relative to	NULL		0	Systemic	SysCarc	OrganWeight
Absolute		Decrease	Absolute w/	NULL		0	Systemic	SysCarc	OrganWeight
Relative to Body Wt		Decrease	Relative to	NULL		0	Systemic	SysCarc	OrganWeight
Relative to Brain Wt		Decrease	Relative to	NULL		0	Systemic	SysCarc	OrganWeight
Alkaline phosphata		Decrease	Checked in	NULL		0	Systemic	SysCarc	OtherSystemic
Aspartate aminotra		Decrease	Checked in	NULL		0	Systemic	SysCarc	OtherSystemic
Brain Cholinesteras		Decrease	Checked in	NULL		0	Cholineste	ChE	Cholineste
Cholesterol		Increase	Checked in	NULL		0	Systemic	SysCarc	OtherSystemic
Erythrocyte Choline		Decrease	Checked in	NULL		0	Cholineste	ChE	Cholineste
Gamma glutamyl tr		Increase	Checked in	NULL		0	Systemic	SysCarc	OtherSystemic
Plasma Cholinester		Decrease	Checked in	NULL		0	Cholineste	ChE	Cholineste
Hematocrit (HCT)		Decrease	Decreased	NULL		0	Systemic	SysCarc	OtherSystemic
Hemoglobin (HGB)		Decrease	Decreased	NULL		0	Systemic	SysCarc	OtherSystemic
Mean Corpuscular (		Decrease	Checked in	NULL		0	Systemic	SysCarc	OtherSystemic
Mean Corpuscular I		Decrease	Checked in	NULL		0	Systemic	SysCarc	OtherSystemic
Platelet		Increase	Checked in	NULL		0	Systemic	SysCarc	OtherSystemic

Platelet	Increase	Increased	NULL	0	Systemic	SysCarc	OtherSyste	
Irregular Surface	Increase		NULL		0	Systemic	SysCarc	PathologyC
Adenoma	Increase		Hepatocyte		0	Systemic	SysCarc	Pathologyf
Carcinoma	Increase		Hepatocyte		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		Sternal		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		Femoral		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL		0	Systemic	SysCarc	Pathologyf
Infiltration Cellular	Increase	neutrophil		0	0	Systemic	SysCarc	Pathologyf
Mineralization	Increase		Cornea		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL		0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute-c	Bilateral		0	Systemic	SysCarc	Pathologyf
Nephropathy	Increase	chronic	Bilateral		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL		0	Systemic	SysCarc	Pathologyf
Spongiosis Hepatis	Increase		NULL		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL		0	Systemic	SysCarc	Pathologyf
Atrophy	Increase	Lymphoid	Mesenteric		0	Systemic	SysCarc	Pathologyf
Depletion	Increase	Lymphoid	Mesenteric		0	Systemic	SysCarc	Pathologyf
Cyst	Increase			0	0	Systemic	SysCarc	Pathologyf
Degeneration	Increase			0	0	Systemic	SysCarc	Pathologyf
Dilatation	Increase	dilated gla		0	0	Systemic	SysCarc	Pathologyf
Dilatation	Increase	dilated gla		0	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase			0	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase			0	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase			0	0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute/		0	0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	subacute/		0	0	Systemic	SysCarc	Pathologyf
[Not In List]	Increase	replaceme		0	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		NULL		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL		0	Systemic	SysCarc	Pathologyf
Atrophy	Increase		Lymphoid Follicle		0	Systemic	SysCarc	Pathologyf
Depletion	Increase		Lymphoid Follicle		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		Forestomach		0	Systemic	SysCarc	Pathologyf
Edema	Increase		Forestomach		0	Systemic	SysCarc	Pathologyf
Hyperkeratosis	Increase		Forestomach		0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	Basal Cell	Forestomach		0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	squamous	Forestomach		0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	acute/ sub	Forestomach		0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	chronic	Forestomach		0	Systemic	SysCarc	Pathologyf
Ulcer	Increase		Forestomach		0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL		0	Systemic	SysCarc	Pathologyf
Cyst	Increase		Follicular Cell		0	Systemic	SysCarc	Pathologyf
Absolute	Increase	Absolute w	NULL		0	Systemic	SysCarc	OrganWei

Relative to Body Weight	Increase	Relative weight	NULL	0	Systemic	SysCarc	OrganWeight
Absolute	Increase	Absolute weight	NULL	0	Systemic	SysCarc	OrganWeight
Relative to Body Weight	Increase	Relative weight	NULL	0	Systemic	SysCarc	OrganWeight
Leukocyte (WBC)	Increase		NULL	0	Systemic	SysCarc	OtherSystemic
Nephropathy	Increase	Subacute/chronic	NULL	0	Systemic	SysCarc	Pathology
Hyperplasia	Increase	plasma cells	Mesenteric	0	Systemic	SysCarc	Pathology
Cellular Alteration	Increase	olfactory epithelium		0	Systemic	SysCarc	Pathology
Cyst	Increase		Epithelium	0	Systemic	SysCarc	Pathology
Degeneration	Increase			0	Systemic	SysCarc	Pathology
Hyperplasia	Increase			0	Systemic	SysCarc	Pathology
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Food Consumption	Increase		NULL	0	Systemic	SysCarc	OtherSystemic
Hyperplasia	Increase		NULL	0	Systemic	SysCarc	Pathology
Erythrocyte Choline	Decrease		NULL	0	Cholinesterase	ChE	Cholinesterase
Hyperplasia	Increase		NULL	0	Systemic	SysCarc	Pathology
Mortality	Increase		NULL	0	Systemic	SysCarc	OtherSystemic
Plasma Cholinesterase	Decrease		NULL	-1	Cholinesterase	ChE	Cholinesterase
Lesion(s) (NOS)	Increase	Not specified	NULL	0	Systemic	SysCarc	Pathology
Lesion(s) (NOS)	Increase	Not specified	NULL	0	Systemic	SysCarc	Pathology
Lesion(s) (NOS)	Increase	Not specified	NULL	0	Systemic	SysCarc	Pathology
Lesion(s) (NOS)	Increase	Not specified	NULL	0	Systemic	SysCarc	Pathology
Hyperplasia	Increase		NULL	0	Systemic	SysCarc	Pathology
Lesion(s) (NOS)	Increase	Not specified	NULL	0	Systemic	SysCarc	Pathology
Lesion(s) (NOS)	Increase	Not specified	NULL	0	Systemic	SysCarc	Pathology
Erythrocyte Choline	Decrease		NULL	-1	Cholinesterase	ChE	Cholinesterase
Inflammation	Increase	Subacute-Bilateral		0	Systemic	SysCarc	Pathology
Nephropathy	Increase	Chronic Bilateral		0	Systemic	SysCarc	Pathology
Hyperplasia	Increase		NULL	0	Systemic	SysCarc	Pathology
Body Weight Gain	Decrease		NULL	0	Systemic	SysCarc	OtherSystemic
Food Consumption	Increase		NULL	-1	Systemic	SysCarc	OtherSystemic
Mortality	Increase		NULL	0	Systemic	SysCarc	OtherSystemic
NOS	Increase		NULL	0	Systemic	SysCarc	OrganWeight
NOS	Increase		NULL	0	Systemic	SysCarc	OrganWeight
NOS	Increase		NULL	0	Systemic	SysCarc	OrganWeight
NOS	Increase		NULL	0	Systemic	SysCarc	OrganWeight
NOS	Increase		NULL	0	Systemic	SysCarc	OrganWeight
NOS	Increase		NULL	0	Systemic	SysCarc	OrganWeight
Alkaline phosphatase	Decrease		NULL	0	Systemic	SysCarc	OtherSystemic
Brain Cholinesterase	Decrease		NULL	0	Cholinesterase	ChE	Cholinesterase
Cholesterol	Increase		NULL	0	Systemic	SysCarc	OtherSystemic
Erythrocyte Choline	Decrease		NULL	0	Cholinesterase	ChE	Cholinesterase
Gamma glutamyl transferase	Increase		NULL	0	Systemic	SysCarc	OtherSystemic
Plasma Cholinesterase	Decrease		NULL	0	Cholinesterase	ChE	Cholinesterase

Mean Corpuscular (Decrease		NULL	-1	Systemic	SysCarc	OtherSyste
Mean Corpuscular IDecrease		NULL	-1	Systemic	SysCarc	OtherSyste
Mean Corpuscular IDecrease		NULL	-1	Systemic	SysCarc	OtherSyste
Platelet	Increase	NULL	-1	Systemic	SysCarc	OtherSyste
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	Subacute-Bilateral	0	Systemic	SysCarc	Pathologyf
Nephropathy	Increase	Chronic Bilateral	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	NULL	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Body Weight Gain	Decrease	NULL	0	Systemic	SysCarc	OtherSyste
Food Consumption	Increase	NULL	-1	Systemic	SysCarc	OtherSyste
NOS	Increase	NULL	0	Systemic	SysCarc	OrganWeig
NOS	Increase	NULL	0	Systemic	SysCarc	OrganWeig
NOS	Decrease	NULL	0	Systemic	SysCarc	OrganWeig
NOS	Decrease	NULL	0	Systemic	SysCarc	OrganWeig
Alkaline phosphata	Decrease	NULL	0	Systemic	SysCarc	OtherSyste
Brain Cholinesteras	Decrease	NULL	0	Cholineste	ChE	Cholineste
Cholesterol	Increase	NULL	0	Systemic	SysCarc	OtherSyste
Erythrocyte Choline	Decrease	NULL	0	Cholineste	ChE	Cholineste
Gamma glutamyl tr	Increase	NULL	0	Systemic	SysCarc	OtherSyste
Plasma Cholinester	Decrease	NULL	0	Cholineste	ChE	Cholineste
Mean Corpuscular (Decrease		NULL	-1	Systemic	SysCarc	OtherSyste
Mean Corpuscular IDecrease		NULL	-1	Systemic	SysCarc	OtherSyste
Platelet	Increase	NULL	-1	Systemic	SysCarc	OtherSyste
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	Subacute-Bilateral	0	Systemic	SysCarc	Pathologyf
Nephropathy	Increase	Chronic Bilateral	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	NULL	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	0	Systemic	SysCarc	Pathologyf

Body Weight Gain	Decrease		NULL	0Systemic	SysCarc	OtherSyste
Food Consumption	Increase		NULL	0Systemic	SysCarc	OtherSyste
Mortality	Increase		NULL	0Systemic	SysCarc	OtherSyste
NOS	Increase		NULL	0Systemic	SysCarc	OrganWeig
NOS	Increase		NULL	0Systemic	SysCarc	OrganWeig
NOS	Increase		NULL	0Systemic	SysCarc	OrganWeig
NOS	Increase		NULL	0Systemic	SysCarc	OrganWeig
NOS	Increase		NULL	0Systemic	SysCarc	OrganWeig
Alkaline phosphata	Decrease		NULL	0Systemic	SysCarc	OtherSyste
Brain Cholinesteras	Decrease		NULL	0Cholineste	ChE	Cholineste
Cholesterol	Increase		NULL	0Systemic	SysCarc	OtherSyste
Erythrocyte Choline	Decrease		NULL	0Cholineste	ChE	Cholineste
Gamma glutamyl tr	Increase		NULL	0Systemic	SysCarc	OtherSyste
Plasma Cholinester	Decrease		NULL	0Cholineste	ChE	Cholineste
Urea nitrogen	Increase		NULL	0Systemic	SysCarc	OtherSyste
Erythrocyte (RBC)	Decrease		NULL	0Systemic	SysCarc	OtherSyste
Mean Corpuscular	(Decrease		NULL	0Systemic	SysCarc	OtherSyste
Mean Corpuscular I	Decrease		NULL	0Systemic	SysCarc	OtherSyste
Mean Corpuscular I	Decrease		NULL	0Systemic	SysCarc	OtherSyste
Platelet	Increase		NULL	0Systemic	SysCarc	OtherSyste
Lesion(s) (NOS)	Increase	Not specifi	NULL	0Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL	0Systemic	SysCarc	Pathologyf
Inflammation	Increase	Subacute-	Bilateral	0Systemic	SysCarc	Pathologyf
Nephropathy	Increase	Chronic	Bilateral	0Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL	0Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL	0Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL	0Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	Mucosa	0Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		NULL	0Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL	0Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL	0Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL	0Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL	0Systemic	SysCarc	Pathologyf
Body Weight Gain	Decrease		NULL	0Systemic	SysCarc	OtherSyste
anogenital staining	Increase	Yellow	NULL	0Systemic	SysCarc	OtherSyste
Food Consumption	Increase		NULL	0Systemic	SysCarc	OtherSyste
Mortality	Increase		NULL	0Systemic	SysCarc	OtherSyste
NOS	Increase		NULL	0Systemic	SysCarc	OrganWeig
NOS	Increase		NULL	0Systemic	SysCarc	OrganWeig
NOS	Decrease		NULL	0Systemic	SysCarc	OrganWeig
NOS	Decrease		NULL	0Systemic	SysCarc	OrganWeig
Alkaline phosphata	Decrease		NULL	0Systemic	SysCarc	OtherSyste
Aspartate aminotra	Decrease		NULL	0Systemic	SysCarc	OtherSyste
Brain Cholinesteras	Decrease		NULL	0Cholineste	ChE	Cholineste
Cholesterol	Increase		NULL	0Systemic	SysCarc	OtherSyste

Erythrocyte Choline	Decrease		NULL			0	Cholineste	ChE	Cholineste
Gamma glutamyl tr	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Plasma Cholinester	Decrease		NULL			0	Cholineste	ChE	Cholineste
Mean Corpuscular	(Decrease		NULL			0	Systemic	SysCarc	OtherSyste
Mean Corpuscular I	Decrease		NULL			0	Systemic	SysCarc	OtherSyste
Platelet	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Adenoma	Increase	NOS	NULL			0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL			0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL			0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	Subacute	Bilateral			0	Systemic	SysCarc	Pathologyf
Nephropathy	Increase	Chronic	Bilateral			0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL			0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL			0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL			0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	Mucosa			0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		NULL			0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL			0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL			0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL			0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specifi	NULL			0	Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Amplitude	Increase	PND 23/24	Auditory			-1	Developm	DevRepro	Developm
Amplitude	Increase	PND 23/24	Auditory			-1	Developm	DevRepro	Developm
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Activity	Decrease		Vertical (rearing)			0	Developm	DevRepro	Developm
Activity	Decrease		Horizontal			0	Developm	DevRepro	Developm
Amplitude	Increase	PND 23/24	Auditory			0	Developm	DevRepro	Developm
Abnormal Gait	Increase	Flattened;	NULL			0	Developm	DevRepro	Developm
Amplitude	Increase	PND 23/24	Auditory			0	Developm	DevRepro	Developm
Salivation	Increase	Post-dosin	NULL			-1	Maternal	SysCarc	OtherSyste
Abnormal Gait	Increase	PND 19	NULL			0	Developm	DevRepro	Developm
Drooping Eyelids (P	Increase	Partially cl	NULL			0	Developm	DevRepro	Developm
prostration	Increase	PND 17	NULL			0	Developm	SysCarc	OtherSyste
reduced activity	Increase	Hypoactivi	NULL			0	Developm	DevRepro	Developm
Tremors	Increase	Whole-bo	NULL			0	Developm	DevRepro	Developm
Thickness	Increase		Corpus Callosum			0	Developm	DevRepro	Developm
Activity	Decrease		Vertical (rearing)			0	Developm	DevRepro	Developm
Activity	Decrease		Horizontal			0	Developm	DevRepro	Developm
Surface righting ref	Decrease	PND 11; F	NULL			0	Developm	DevRepro	Developm
Amplitude	Increase	PND 23/24	Auditory			0	Developm	DevRepro	Developm
Habituation	Decrease	PND 60/61	Auditory			0	Developm	DevRepro	Developm
Abnormal Gait	Increase	PND 19	NULL			0	Developm	DevRepro	Developm
Abnormal Gait	Increase	Flattened;	NULL			0	Developm	DevRepro	Developm
Drooping Eyelids (P	Increase	Partially cl	NULL			0	Developm	DevRepro	Developm
prostration	Increase	PND 17	NULL			0	Developm	SysCarc	OtherSyste

reduced activity	Increase	Hypoactive	NULL			0	Developmental	Developmental
Tremors	Increase	Whole-body	NULL			0	Developmental	Developmental
Thickness	Increase	Corpus Callosum				0	Developmental	Developmental
Dilatation	Increase	PND 63-67Cortex				0	Developmental	Pathology
Hydronephrosis	Increase	PND 63-67NULL				0	Developmental	Pathology
Vacuolization	Increase	PND 63-67Cortex				0	Developmental	Pathology
Amplitude	Increase	PND 23/24Auditory				0	Developmental	Developmental
Habituation	Decrease	PND 60/61Auditory				0	Developmental	Developmental
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte Choline	Decrease	NULL				0	Cholinesterase	Cholinesterase
Erythrocyte Choline	Decrease	NULL				0	Cholinesterase	Cholinesterase
Erythrocyte Choline	Decrease	NULL				0	Cholinesterase	Cholinesterase
Erythrocyte Choline	Decrease	NULL				0	Cholinesterase	Cholinesterase
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Plasma Cholinesterase	Decrease	NULL				0	Cholinesterase	Cholinesterase
Erythrocyte Choline	Decrease	NULL				0	Cholinesterase	Cholinesterase
Erythrocyte Choline	Decrease	NULL				0	Cholinesterase	Cholinesterase
Body Weight	Decrease	NULL				0	Maternal	Systemic
Abnormal Gait	Increase	NULL				0	Maternal	Systemic
Moribundity	Increase	NULL				0	Maternal	Systemic
prostration	Increase	NULL				0	Maternal	Systemic
Salivation	Increase	Post-dosing	NULL			0	Maternal	Systemic
Tremors	Increase	NULL				0	Maternal	Systemic
Food Consumption	Decrease	NULL				0	Maternal	Systemic
Died	Increase	NULL				0	Maternal	Systemic
Body Weight	Decrease	NULL				0	Maternal	Systemic
Abnormal Gait	Increase	NULL				0	Maternal	Systemic
Moribundity	Increase	NULL				0	Maternal	Systemic
prostration	Increase	NULL				0	Maternal	Systemic
Salivation	Increase	Post-dosing	NULL			0	Maternal	Systemic
Tremors	Increase	NULL				0	Maternal	Systemic
Food Consumption	Decrease	NULL				0	Maternal	Systemic
Brain Cholinesterase	Decrease	NULL				0	Cholinesterase	Cholinesterase
Erythrocyte Choline	Decrease	NULL				0	Cholinesterase	Cholinesterase
Plasma Cholinesterase	Decrease	NULL				0	Cholinesterase	Cholinesterase
Died	Increase	NULL				0	Maternal	Systemic
Erythrocyte Choline	Decrease	NULL				0	Cholinesterase	Cholinesterase
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Salivation	Increase	Post-dosin	NULL			0Maternal	SysCarc	OtherSyste
Erythrocyte Choline	Decrease		NULL			0Cholineste	ChE	Cholineste
Salivation	Increase	Post-dosin	NULL			0Maternal	SysCarc	OtherSyste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
Brain Cholinesteras	Decrease		NULL			0Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
Brain Cholinesteras	Decrease		NULL			0Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0Cholineste	ChE	Cholineste
Body Weight	Decrease		NULL			0Maternal	SysCarc	OtherSyste
Abnormal Gait	Increase	At 1250 &	NULL			0Maternal	SysCarc	OtherSyste
Moribundity	Increase		NULL			0Maternal	SysCarc	OtherSyste
prostration	Increase	At 1000 m;	NULL			0Maternal	SysCarc	OtherSyste
Respiration (rales)	Increase	At 1000 m;	NULL			0Maternal	SysCarc	OtherSyste
Salivation	Increase	Post-dosin	NULL			0Maternal	SysCarc	OtherSyste
Tremors	Increase	At 1250 &	NULL			0Maternal	SysCarc	OtherSyste
[Not In List]	Increase	Prominent	NULL			0Maternal	SysCarc	OtherSyste
Food Consumption	Decrease		NULL			0Maternal	SysCarc	OtherSyste
Brain Cholinesteras	Decrease		NULL			0Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
Died	Increase	During 1st	NULL			0Maternal	SysCarc	OtherSyste
Body Weight	Decrease		NULL			0Maternal	SysCarc	OtherSyste
Body Weight Gain	Decrease		NULL			0Maternal	SysCarc	OtherSyste
Abnormal Gait	Increase	At 1250 &	NULL			0Maternal	SysCarc	OtherSyste
Moribundity	Increase		NULL			0Maternal	SysCarc	OtherSyste
prostration	Increase	At 1000 m;	NULL			0Maternal	SysCarc	OtherSyste
Respiration (rales)	Increase	At 1000 m;	NULL			0Maternal	SysCarc	OtherSyste
Salivation	Increase	Post-dosin	NULL			0Maternal	SysCarc	OtherSyste
Tremors	Increase	At 1250 &	NULL			0Maternal	SysCarc	OtherSyste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte Choline	Decrease		NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
Body Weight Gain	Decrease		NULL			0Systemic	SysCarc	OtherSyste
Mortality	Increase		NULL			0Systemic	SysCarc	OtherSyste
Erythrocyte Choline	Decrease		NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
Cholinesterase (ChE	Decrease	Ocular Mu	NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
Cholinesterase (ChE	Decrease	Retina	NULL			0Cholineste	ChE	Cholineste
Cholinesterase (ChE	Decrease	Ocular Mu	NULL			0Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0Cholineste	ChE	Cholineste

Plasma Cholinesterase:Decrease		NULL				0 Cholinesterase ChE	Cholinesterase
[Not In List] Increase	ERG; b-wa	NULL				0 Systemic SysCarc	OtherSystemic
Brain (regional) Cholinesterase:Decrease	Pons	NULL				0 Cholinesterase ChE	Cholinesterase
Brain (regional) Cholinesterase:Decrease	Cerebellum	NULL				0 Cholinesterase ChE	Cholinesterase
Cholinesterase (ChE):Decrease	Retina	NULL				0 Cholinesterase ChE	Cholinesterase
Erythrocyte Cholinesterase:Decrease		NULL				0 Cholinesterase ChE	Cholinesterase
Plasma Cholinesterase:Decrease		NULL				0 Cholinesterase ChE	Cholinesterase
[Not In List] Increase	ERG; b-wa	NULL				0 Systemic SysCarc	OtherSystemic
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Brain Cholinesterase:Decrease		NULL				-1 Cholinesterase ChE	Cholinesterase
Erythrocyte Cholinesterase:Decrease		NULL				-1 Cholinesterase ChE	Cholinesterase
Plasma Cholinesterase:Decrease		NULL				-1 Cholinesterase ChE	Cholinesterase
Erythrocyte Cholinesterase:Decrease		NULL				-1 Cholinesterase ChE	Cholinesterase
Plasma Cholinesterase:Decrease		NULL				-1 Cholinesterase ChE	Cholinesterase
Erythrocyte Cholinesterase:Decrease		NULL				-1 Cholinesterase ChE	Cholinesterase
Plasma Cholinesterase:Decrease		NULL				-1 Cholinesterase ChE	Cholinesterase
Erythrocyte Cholinesterase:Decrease		NULL				-1 Cholinesterase ChE	Cholinesterase
Plasma Cholinesterase:Decrease		NULL				-1 Cholinesterase ChE	Cholinesterase
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Decrease	During lactation	NULL				0 Parental SysCarc	OtherSystemic
Brain Cholinesterase:Decrease		NULL				0 Cholinesterase ChE	Cholinesterase
Erythrocyte Cholinesterase:Decrease		NULL				0 Cholinesterase ChE	Cholinesterase
Plasma Cholinesterase:Decrease		NULL				0 Cholinesterase ChE	Cholinesterase
Brain Cholinesterase:Decrease		NULL				-1 Cholinesterase ChE	Cholinesterase
Erythrocyte Cholinesterase:Decrease		NULL				0 Cholinesterase ChE	Cholinesterase
Plasma Cholinesterase:Decrease		NULL				0 Cholinesterase ChE	Cholinesterase
Body Weight Decrease	During lactation	NULL				0 Parental SysCarc	OtherSystemic
Offspring (pup) Weight Decrease		NULL				-1 Offspring SysCarc	OtherSystemic
Offspring (pup) Weight Decrease		NULL				-1 Offspring SysCarc	OtherSystemic
Brain (regional) Cholinesterase:Decrease		NULL				-1 Parental SysCarc	OtherSystemic
Erythrocyte Cholinesterase:Decrease		NULL				0 Parental SysCarc	OtherSystemic
Plasma Cholinesterase:Decrease		NULL				0 Parental SysCarc	OtherSystemic
NOS Decrease	Increased	NULL				0 Offspring DevRepro	Reproductive
Body Weight Decrease		NULL				0 Parental SysCarc	OtherSystemic
Body Weight Gain Decrease		NULL				0 Parental SysCarc	OtherSystemic
Offspring (pup) Weight Decrease		NULL				-1 Offspring SysCarc	OtherSystemic
Offspring (pup) Weight Decrease		NULL				-1 Offspring SysCarc	OtherSystemic
Brain Cholinesterase:Decrease		NULL				-1 Parental SysCarc	OtherSystemic
Erythrocyte Cholinesterase:Decrease		NULL				0 Parental SysCarc	OtherSystemic

Plasma Cholinesterase:Decrease	NULL					0Parental	SysCarc	OtherSyste
NOS	Decrease	Increased	NULL			0Offspring	DevRepro	Reproduct
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte Choline:Decrease	NULL					-1Cholineste	ChE	Cholineste
Plasma Cholinesterase:Decrease	NULL					-1Cholineste	ChE	Cholineste
Brain Cholinesterase:Decrease	NULL					-1Cholineste	ChE	Cholineste
Erythrocyte Choline:Decrease	NULL					-1Cholineste	ChE	Cholineste
Plasma Cholinesterase:Decrease	NULL					-1Cholineste	ChE	Cholineste
Brain Cholinesterase:Decrease	NULL					-1Cholineste	ChE	Cholineste
Erythrocyte Choline:Decrease	NULL					0Cholineste	ChE	Cholineste
Plasma Cholinesterase:Decrease	NULL					0Cholineste	ChE	Cholineste
Brain Cholinesterase:Decrease	NULL					0Cholineste	ChE	Cholineste
Erythrocyte Choline:Decrease	NULL					0Cholineste	ChE	Cholineste
Plasma Cholinesterase:Decrease	NULL					0Cholineste	ChE	Cholineste
Brain Cholinesterase:Decrease	NULL					0Cholineste	ChE	Cholineste
Erythrocyte Choline:Decrease	NULL					0Cholineste	ChE	Cholineste
Plasma Cholinesterase:Decrease	NULL					0Cholineste	ChE	Cholineste
Brain Cholinesterase:Decrease	NULL					0Cholineste	ChE	Cholineste
Erythrocyte Choline:Decrease	NULL					0Cholineste	ChE	Cholineste
Plasma Cholinesterase:Decrease	NULL					0Cholineste	ChE	Cholineste

NULL

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NULL

NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
[Not In List]	Increase	Alterations	Retina			-1 Systemic	SysCarc	Pathologyf
[Not In List]	Increase	Structural	Optic Nerve			-1 Systemic	SysCarc	Pathologyf
[Not In List]	Increase	Stratificati	Optic Nerve			-1 Systemic	SysCarc	Pathologyf
[Not In List]	Decrease	Conductio	NULL			-1 Systemic	SysCarc	Pathologyf
Atrophy	Increase		Retina			-1 Systemic	SysCarc	Pathologyf
Degeneration	Increase	1st & 2nd	Epithelium			-1 Systemic	SysCarc	Pathologyf
Degeneration	Increase	Myelin de	Optic Nerve			-1 Systemic	SysCarc	Pathologyf
Degeneration	Increase	Myofibrils	Ciliary Body			-1 Systemic	SysCarc	Pathologyf
Lymphoma Maligna	Increase	no specific	NULL			0 Systemic	SysCarc	Pathologyf
Adenoma	Increase	technical e	Alveolar/Bronchiolar			0 Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Cholinesterase (ChE	Decrease		NULL			0 Cholineste	ChE	Cholineste
Cholinesterase (ChE	Decrease		NULL			0 Cholineste	ChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Abnormal Gait	Increase		NULL			0Systemic	SysCarc	OtherSyste
Proliferation	Increase	Schwann C	Sciatic			-1Systemic	SysCarc	Pathologyf
[Not In List]	Decrease	Myelinate	Sciatic			-1Systemic	SysCarc	Pathologyf
[Not In List]	Increase	Perivascu		0		-1Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
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NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte Choline	Decrease		NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
[Not In List]	Increase	decreased	NULL			0Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte Choline	Decrease		NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
[Not In List]	Increase	decreased	NULL			0Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight	Decrease		NULL			0Systemic	SysCarc	OtherSyste
Abnormal Gait	Increase	uncoordin:	NULL			0Systemic	SysCarc	OtherSyste
Poor General Condi	Increase		NULL			0Systemic	SysCarc	OtherSyste
Tremors	Increase		NULL			0Systemic	SysCarc	OtherSyste
[Not In List]	Increase	blindness	NULL			0Systemic	SysCarc	OtherSyste
Brain Cholinesteras	Decrease		NULL			0Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
[Not In List]	Increase	gross retin	Retina			0Systemic	SysCarc	Pathologyf
[Not In List]	Increase	decreased	NULL			0Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight	Decrease		NULL			0Systemic	SysCarc	OtherSyste
Abnormal Gait	Increase	uncoordin:	NULL			0Systemic	SysCarc	OtherSyste
Poor General Condi	Increase		NULL			0Systemic	SysCarc	OtherSyste
Tremors	Increase		NULL			0Systemic	SysCarc	OtherSyste
[Not In List]	Increase	blindness	NULL			0Systemic	SysCarc	OtherSyste
Mortality	Increase		NULL			0Systemic	SysCarc	OtherSyste
Aspartate aminotra	Decrease	at 6, 12, ar	NULL			0Systemic	SysCarc	OtherSyste
Brain Cholinesteras	Decrease		NULL			0Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0Cholineste	ChE	Cholineste
[Not In List]	Increase	gross retin	Retina			0Systemic	SysCarc	Pathologyf
Cataract	Increase		NULL			0Systemic	SysCarc	Pathologyf
Opacity	Increase	turbid lens	Lens			0Systemic	SysCarc	Pathologyf

[Not In List]	Increase	decreased	NULL			0	Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Offspring (pup) We	Decrease		NULL			0	Developm	DevRepro	OtherSyste
Activity	Decrease	Spontane	NULL			0	Developm	DevRepro	Developm
[Not In List]	Decrease	Acetylchol	NULL			0	Developm	SysCarc	OtherSyste
[Not In List]	Decrease	Density of		0		0	Developm	DevRepro	Pathologyf
Offspring (pup) We	Decrease		NULL			0	Developm	DevRepro	OtherSyste
Defecation (diarrhe	Increase	First few d	NULL			0	Developm	NULL	NULL
Tremors	Increase	First few d	NULL			0	Developm	DevRepro	Developm
Activity	Decrease	Spontane	NULL			0	Developm	DevRepro	Developm
[Not In List]	Decrease	Acetylchol	NULL			0	Developm	SysCarc	OtherSyste
[Not In List]	Decrease	Density of		0		0	Developm	DevRepro	Pathologyf
NOS	Decrease	Cliff avoida	NULL			0	Developm	DevRepro	Developm
Startle Total	Decrease		Tactile			0	Developm	DevRepro	Developm
Startle Total	Decrease		Tactile			0	Developm	DevRepro	Developm
Latency	Increase	Elevated p	NULL			0	Developm	DevRepro	Developm
Latency	Increase	Elevated p	NULL			0	Developm	DevRepro	Developm
Latency	Increase	Elevated p	NULL			0	Developm	DevRepro	Developm
Sector entries	Increase	Elevated p	NULL			0	Developm	DevRepro	Developm
Sector entries	Increase	Elevated p	NULL			0	Developm	DevRepro	Developm
Startle Total	Decrease		Tactile			0	Developm	DevRepro	Developm
Latency	Increase	Elevated p	NULL			0	Developm	DevRepro	Developm
Latency	Increase	Elevated p	NULL			0	Developm	DevRepro	Developm
Latency	Increase	Elevated p	NULL			0	Developm	DevRepro	Developm
Sector entries	Increase	Elevated p	NULL			0	Developm	DevRepro	Developm
Sector entries	Increase	Elevated p	NULL			0	Developm	DevRepro	Developm
Startle Total	Decrease		Tactile			0	Developm	DevRepro	Developm
Body Weight	Decrease	-	NULL			0	Systemic	SysCarc	OtherSyste
Urine staining - per	Increase	-	NULL			0	Systemic	SysCarc	OtherSyste
Granuloma	Increase	-	NULL			0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	-	C-Cell			0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	-	Follicular Cell			0	Systemic	SysCarc	Pathologyf
Body Weight	Decrease	-	NULL			0	Systemic	SysCarc	OtherSyste
Hyperplasia	Increase	-	C-Cell			0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	-	Follicular Cell			0	Systemic	SysCarc	Pathologyf
Body Weight	Decrease	-	NULL			0	Systemic	SysCarc	OtherSyste
Urine staining - per	Increase	-	NULL			0	Systemic	SysCarc	OtherSyste
Granuloma	Increase	-	NULL			0	Systemic	SysCarc	Pathologyf

Hyperplasia	Increase	-	C-Cell			0Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	-	Follicular Cell			0Systemic	SysCarc	Pathologyf
Body Weight	Decrease	-	NULL			0Systemic	SysCarc	OtherSyste
Mortality	Increase	-	NULL			0Systemic	SysCarc	OtherSyste
Granuloma	Increase	-	NULL			0Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	-	C-Cell			0Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	-	Follicular Cell			0Systemic	SysCarc	Pathologyf
Body Weight	Decrease	-	NULL			0Systemic	SysCarc	OtherSyste
Carcinoma	Increase	-	Hepatocyte			0Systemic	SysCarc	Pathologyf
Neoplastic nodule	Increase	-	Hepatocyte			0Systemic	SysCarc	Pathologyf
Granuloma	Increase	-	NULL			0Systemic	SysCarc	Pathologyf
Body Weight	Decrease	-	NULL			0Systemic	SysCarc	OtherSyste
Carcinoma	Increase	-	Hepatocyte			0Systemic	SysCarc	Pathologyf
Neoplastic nodule	Increase	-	Hepatocyte			0Systemic	SysCarc	Pathologyf
Granuloma	Increase	-	NULL			0Systemic	SysCarc	Pathologyf
Body Weight	Decrease	-	NULL			0Systemic	SysCarc	OtherSyste
Fur (altered appear	Increase	-	NULL			0Systemic	SysCarc	OtherSyste
Carcinoma	Increase	-	Hepatocyte			0Systemic	SysCarc	Pathologyf
Neoplastic nodule	Increase	-	Hepatocyte			0Systemic	SysCarc	Pathologyf
Granuloma	Increase	-	NULL			0Systemic	SysCarc	Pathologyf
Body Weight	Decrease	-	NULL			0Systemic	SysCarc	OtherSyste
Fur (altered appear	Increase	-	NULL			0Systemic	SysCarc	OtherSyste
Carcinoma	Increase	-	Hepatocyte			0Systemic	SysCarc	Pathologyf
Neoplastic nodule	Increase	-	Hepatocyte			0Systemic	SysCarc	Pathologyf
Granuloma	Increase	-	NULL			0Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
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NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Offspring (pup) We	Decrease		NULL			-1Developm	DevRepro	OtherSyste
Offspring (pup) We	Decrease		NULL			-1Developm	DevRepro	OtherSyste
Thickness	Decrease		Striatum			-1Developm	DevRepro	Developm
Thickness	Decrease		Corpus Callosum			-1Developm	DevRepro	Developm
Thickness	Decrease	Gyrus	Hippocampus			-1Developm	DevRepro	Developm
Offspring (pup) We	Decrease		NULL			-1Developm	DevRepro	OtherSyste
Offspring (pup) We	Decrease		NULL			-1Developm	DevRepro	OtherSyste
Height	Decrease		Cerebellum			-1Developm	DevRepro	Developm
Thickness	Decrease		Striatum			-1Developm	DevRepro	Developm
Thickness	Decrease		Corpus Callosum			-1Developm	DevRepro	Developm
Thickness	Decrease	Gyrus	Hippocampus			-1Developm	DevRepro	Developm
Absolute	Decrease		NULL			-1Developm	SysCarc	OrganWeig
Glucose	Increase	not statisti	NULL			0Systemic	SysCarc	OtherSyste

Phosphorus	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Potassium	Increase	not statisti	NULL			0	Systemic	SysCarc	OtherSyste
Phosphorus	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Potassium	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Glucose	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Phosphorus	Increase	not statisti	NULL			0	Systemic	SysCarc	OtherSyste
Potassium	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Phosphorus	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Potassium	Increase	not statisti	NULL			0	Systemic	SysCarc	OtherSyste
Alkaline phosphata	Increase	significanc	NULL			0	Systemic	SysCarc	OtherSyste
Glucose	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Phosphorus	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Potassium	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Urea nitrogen	Increase	significanc	NULL			0	Systemic	SysCarc	OtherSyste
Inflammation	Increase		Islets, Pancreatic			0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	inflammati	0			0	Systemic	SysCarc	Pathologyf
Phosphorus	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Potassium	Increase	not statisti	NULL			0	Systemic	SysCarc	OtherSyste
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NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Defecation (diarrhe	Increase		NULL			-1	Maternal	NULL	NULL
Nasal Discharge	Increase		NULL			-1	Maternal	SysCarc	OtherSyste
soft stools	Increase		NULL			-1	Maternal	SysCarc	OtherSyste
Died	Increase		NULL			-1	Maternal	SysCarc	OtherSyste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Gain	Decrease		NULL			-1	Maternal	SysCarc	OtherSyste
Defecation (diarrhe	Increase		NULL			-1	Maternal	NULL	NULL
lethargy	Increase		NULL			-1	Maternal	SysCarc	OtherSyste
Red or crusty depo	Increase		NULL			-1	Maternal	SysCarc	OtherSyste
Respiration (rales)	Increase		NULL			-1	Maternal	SysCarc	OtherSyste
soft stools	Increase		NULL			-1	Maternal	SysCarc	OtherSyste
Died	Increase		NULL			-1	Maternal	SysCarc	OtherSyste
Implantations	Decrease		NULL			0	Maternal	DevRepro	Reproduct
Implantations	Decrease		NULL			0	Maternal	DevRepro	Reproduct
Unossified	Increase		Sternebra			-1	Developm	DevRepro	Developm
Fetal weight	Decrease		NULL			-1	Developm	DevRepro	OtherSyste
Fetal weight	Decrease		NULL			-1	Developm	SysCarc	OtherSyste
Live Fetuses	Decrease	Decreased	NULL			-1	Developm	DevRepro	Reproduct
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

[illegible]

NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
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NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight	Decrease		NULL			-1 Parental	SysCarc	OtherSyste
soft stools	Increase		NULL			-1 Parental	SysCarc	OtherSyste
Body Weight	Decrease		NULL			-1 Parental	SysCarc	OtherSyste
soft stools	Increase		NULL			-1 Parental	SysCarc	OtherSyste
Body Weight	Decrease		NULL			-1 Parental	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
soft stools	Increase		NULL			-1 Parental	SysCarc	OtherSyste
Food Consumption	Decrease		NULL			-1 Parental	SysCarc	OtherSyste
Body Weight	Decrease		NULL			-1 Parental	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
soft stools	Increase		NULL			-1 Parental	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1 Offspring	SysCarc	OtherSyste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
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NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight	Decrease		NULL			-1 Systemic	SysCarc	OtherSyste
Absolute	Increase		NULL			0 Systemic	DevRepro	OrganWeig

Relative to Body Wt	Increase		NULL			0	Systemic	DevRepro	OrganWeight
Basophilia	Increase	combined		0		-1	Systemic	SysCarc	Pathology/
Hypertrophy	Increase	combined		0		-1	Systemic	SysCarc	Pathology/
Body Weight	Decrease		NULL			-1	Systemic	SysCarc	OtherSystemic
Absolute	Increase		NULL			0	Systemic	DevRepro	OrganWeight
Relative to Body Wt	Increase		NULL			0	Systemic	DevRepro	OrganWeight
[Not In List]	Increase	chronic int	Interstitial Cell			-1	Systemic	SysCarc	Pathology/
Hypertrophy	Increase			0		-1	Systemic	SysCarc	Pathology/
Necrosis	Increase			0		-1	Systemic	SysCarc	Pathology/
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Inflammation	Increase	inflammatory	Mucosa			-1	Systemic	SysCarc	Pathology/
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Absolute	Increase		NULL			0	Systemic	SysCarc	OrganWeight
Relative to Body Wt	Increase		NULL			0	Systemic	SysCarc	OrganWeight
Relative to Brain Wt	Increase		NULL			0	Systemic	SysCarc	OrganWeight
pH	Decrease		NULL			0	Systemic	SysCarc	OtherSystemic
Specific gravity/osmolality	Increase		NULL			0	Systemic	SysCarc	OtherSystemic
Cataract	Increase		Lens			0	Systemic	SysCarc	Pathology/
Degeneration	Increase		Lens			0	Systemic	SysCarc	Pathology/
Atrophy	Increase	pancreatic	Acinar Cell			0	Systemic	SysCarc	Pathology/
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Body Weight	Decrease		NULL			0	Systemic	SysCarc	OtherSystemic
Body Weight Gain	Decrease		NULL			0	Systemic	SysCarc	OtherSystemic
Inflammation	Increase	inflammatory	Mucosa			0	Systemic	SysCarc	Pathology/
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endpoint_ endpoint_ endpoint_class_5

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Cholineste Cholineste adult

Cholineste Cholineste adult

Cholineste Cholineste adult

Cholineste Cholineste adult

Cholineste Cholineste adult

Cholineste Cholineste adult

Cholineste Cholineste adult

Cholineste Cholineste adult

InLifeObseBodyWeigladult

InLifeObseClinicalSigradult

InLifeObseClinicalSigradult

InLifeObseClinicalSigradult

Cholineste Cholineste adult

Cholineste Cholineste adult

Cholineste Cholineste adult

InLifeObseBodyWeigladult

InLifeObseClinicalSigradult

InLifeObseClinicalSigradult

Accessory[Liver adult

Accessory[Liver adult

Cholineste Cholineste adult

Cholineste Cholineste adult

Cholineste Cholineste adult

Pathology(Hematologadult

Pathology(Hematologadult

Pathology(Hematologadult

Pathology(Hematologadult

Accessory[Liver adult

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InLifeObseBodyWeigladult

Reproduct Postimplar pregnancy

ReproductPregnancy pregnancy
 ReproductPreimplantpregnancy
 ReproductResorptionpregnancy
 Skeletal Appendicufetal
 Skeletal Axial fetal
 InLifeObseBodyWeigladult
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 InLifeObseBodyWeigladult
 InLifeObseClinicalSigradult
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 PrimaryDigStomach adult
 PrimaryDigStomach adult
 PrimaryDigStomach adult
 InLifeObseMortality adult
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 InLifeObseBodyWeigljuvenile
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 InLifeObseBodyWeigljuvenile
 OffspringSLittersize pregnancy
 OffspringSLactationirjuvenile
 OffspringSViabilityincjuvenile
 ReproductSexratio pregnancy
 ReproductFertility pregnancy
 ReproductMating pregnancy
 InLifeObseBodyWeigljuvenile
 OffspringSLittersize pregnancy

Cholineste Cholineste adult
InLifeObseFoodConstadult
RespiratorLung adult
RespiratorLung adult
Accessory[Salivarygla adult
Accessory[Salivarygla adult
Cholineste Cholineste adult
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Pathology(ClinicalCheadult
InLifeObseBodyWeigladult
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Cholineste Cholineste adult
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Pathology(ClinicalCheadult
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Cholineste Cholineste adult
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Pathology(ClinicalCheadult
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RespiratorLung adult
RespiratorLung adult
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SexualDevıVaginalopejuvenile
InLifeObseBodyWeigladult

InLifeObseBodyWeigladult
LearningarLearning juvenile
LearningarMemory juvenile
LearningarUnknown juvenile
LearningarLearning juvenile
LearningarMemory juvenile
LearningarUnknown juvenile
CholinesteCholineste adult
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SexualDevPreputialsjuvenile
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CholinesteCholineste adult
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InLifeObseBodyWeigladult
Motor MotorActijjuvenile
CholinesteCholineste adult
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InLifeObseBodyWeigladult
CholinesteCholineste adult
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InLifeObseClinicalSigradult
InLifeObseFoodConstadult
InLifeObseMortality adult
CholinesteCholineste adult

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InLifeObseClinicalSigradult
InLifeObseClinicalSigrjuvenile
Cholineste Cholineste adult

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InLifeObse	BodyWeigl	adult
InLifeObse	BodyWeigl	juvenile
InLifeObse	BodyWeigl	juvenile
InLifeObse	BodyWeigl	juvenile
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Cholineste	Cholineste	adult
Cholineste	Cholineste	adult
InLifeObse	BodyWeigl	adult
InLifeObse	FoodConst	adult
Accessory[Liver		adult
Cholineste	Cholineste	adult
Cholineste	Cholineste	adult

Accessory[Liver	adult
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Accessory[Liver	adult
Urinary Kidney	adult
Accessory[Liver	adult
Cholineste Cholineste	adult
Cholineste Cholineste	adult
InLifeObseBodyWeigl	adult
InLifeObseFoodConst	adult
Accessory[Liver	adult
Cholineste Cholineste	adult
Cholineste Cholineste	adult
Accessory[Liver	adult
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Accessory[Liver	adult
Endocrine AdrenalGl	adult
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Urinary Kidney	adult
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InLifeObseBodyWeigl	adult
InLifeObseFoodConst	adult
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Urinary Kidney	adult
Accessory[Liver	adult
Cholineste Cholineste	adult
Cholineste Cholineste	adult
InLifeObseBodyWeigl	adult
InLifeObseFoodConst	adult
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Endocrine AdrenalGl		adult
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Urinary Kidney		adult
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Endocrine Parathyroi		adult
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Lymphatic LymphNoda		adult
Endocrine Parathyroi		adult
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InLifeObseMortality		adult
CholinesteCholineste		adult
CholinesteCholineste		adult
Urinary Kidney		adult
Lymphatic LymphNoda		adult
Endocrine ThyroidGla		adult
Skeletal BoneMarr		adult
Skeletal BoneMarr		adult
Nervous Brain		adult
IntegumenEye		adult
IntegumenHarderian		adult
CardiovascHeart		adult
IntegumenLacrimaGl		adult
Lymphatic LymphNoda		adult
Lymphatic LymphNoda		adult
Accessory[Pancreas		adult
Endocrine Parathyroi		adult
Endocrine ThyroidGla		adult
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Lymphatic LymphNoda		adult
Urinary Kidney		adult
Urinary Kidney		adult
Urinary Kidney		adult

Endocrine Parathyroid adult
 PrimaryDigestiveStomach adult
 PrimaryDigestiveStomach adult
 PrimaryDigestiveStomach adult
 PrimaryDigestiveStomach adult
 PrimaryDigestiveStomach adult
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 PrimaryDigestiveStomach adult
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 InLifeObservationBodyWeight adult
 InLifeObservationClinicalSign adult
 InLifeObservationMortality adult
 CardiovascularHeart adult
 CardiovascularHeart adult
 CardiovascularHeart adult
 Urinary Kidney adult
 Urinary Kidney adult
 Urinary Kidney adult
 AccessoryLiver adult
 AccessoryLiver adult
 AccessoryLiver adult
 Endocrine ThyroidGland adult
 Endocrine ThyroidGland adult
 Endocrine ThyroidGland adult
 Pathology(ClinicalChemistry) adult
 CholinesteraseCholinesterase adult
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 Pathology(ClinicalChemistry) adult
 CholinesteraseCholinesterase adult
 Pathology(Hematology) adult
 Pathology(Hematology) adult
 Pathology(Hematology) adult
 Pathology(Hematology) adult
 Pathology(Hematology) adult
 Urinary Kidney adult
 Lymphatic LymphNode adult
 Endocrine AdrenalGland adult
 Skeletal BoneMarrow adult
 Skeletal BoneMarrow adult
 Nervous Brain adult
 IntegumentEye adult
 IntegumentEye adult

Integumen	Harderian	adult
Cardiovasc	Heart	adult
Urinary	Kidney	adult
Urinary	Kidney	adult
Urinary	Kidney	adult
Integumen	Lacrima	adult
Accessory	Liver	adult
Accessory	Liver	adult
Respirator	Lung	adult
Respirator	Lung	adult
Lymphatic	Lymph	adult
Lymphatic	Lymph	adult
Integumen	Nose	adult
Integumen	Nose	adult
Integumen	Nose	adult
Integumen	Nose	adult
Integumen	Nose	adult
Integumen	Nose	adult
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Integumen	Nose	adult
Integumen	Nose	adult
Integumen	Nose	adult
Integumen	Nose	adult
Accessory	Pancreas	adult
Endocrine	Parathyroid	adult
Endocrine	Pituitary	adult
Lymphatic	Spleen	adult
Lymphatic	Spleen	adult
Primary	Digestion	adult
Primary	Digestion	adult
Primary	Digestion	adult
Primary	Digestion	adult
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Primary	Digestion	adult
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Endocrine	Thyroid	adult
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Urinary	Kidney	adult
Accessory	Liver	adult
Accessory	Liver	adult
Endocrine	Parathyroid	adult
Endocrine	Parathyroid	adult
Lymphatic	Spleen	adult
Lymphatic	Spleen	adult

Endocrine ThyroidGlaadult
 Endocrine ThyroidGlaadult
 IntegumenNose adult
 IntegumenNose adult
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 IntegumenNose adult
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 InLifeObseBodyWeigladult
 InLifeObseClinicalSigradult
 Urinary Kidney adult
 Urinary Kidney adult
 Urinary Kidney adult
 Accessory[Liver adult
 Accessory[Liver adult
 Accessory[Liver adult
 Endocrine ThyroidGlaadult
 Endocrine ThyroidGlaadult
 Endocrine ThyroidGlaadult
 Pathology(ClinicalCheadult
 CholinesteCholineste adult
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 Pathology(Hematologadult
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 Pathology(Hematologadult
 Accessory[Liver adult
 Endocrine PituitaryGladult
 Skeletal BoneMarradult
 Skeletal BoneMarradult
 IntegumenHarderianadult
 CardiovascHeart adult
 Urinary Kidney adult
 Urinary Kidney adult
 Urinary Kidney adult
 IntegumenLacrimaGladult
 RespiratorLung adult
 IntegumenNose adult
 IntegumenNose adult
 IntegumenNose adult

IntegumenNose	adult
IntegumenNose	adult
IntegumenNose	adult
IntegumenNose	adult
IntegumenNose	adult
IntegumenNose	adult
IntegumenNose	adult
Endocrine Parathyroi	adult
Lymphatic Spleen	adult
Lymphatic Spleen	adult
PrimaryDigStomach	adult
PrimaryDigStomach	adult
PrimaryDigStomach	adult
PrimaryDigStomach	adult
PrimaryDigStomach	adult
PrimaryDigStomach	adult
PrimaryDigStomach	adult
Urinary Kidney	adult
Urinary Kidney	adult
Accessory[Liver	adult
Accessory[Liver	adult
IntegumenNose	adult
IntegumenNose	adult
IntegumenNose	adult
IntegumenNose	adult
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NULL NULL NULL	
InLifeObseBodyWeigl	adult
InLifeObseClinicalSigr	adult
InLifeObseMortality	adult
Pathology(ClinicalChea	adult
Cholineste Cholineste	adult
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Pathology(ClinicalChea	adult
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Pathology(ClinicalChea	adult
Pathology(Hematolog	adult
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Pathology(Hematolog	adult
Urinary Kidney	adult
Endocrine AdrenalGl	adult
Skeletal BoneMarr	adult

Skeletal	BoneMarr	adult
Nervous	Brain	adult
Integumen	Eye	adult
Integumen	Eye	adult
Integumen	Harderian	adult
Cardiovasc	Heart	adult
Urinary	Kidney	adult
Urinary	Kidney	adult
Urinary	Kidney	adult
Integumen	Lacrima	adult
Accessory	Liver	adult
Accessory	Liver	adult
Respirator	Lung	adult
Respirator	Lung	adult
Lymphatic	LymphNod	adult
Lymphatic	LymphNod	adult
Integumen	Nose	adult
Integumen	Nose	adult
Integumen	Nose	adult
Integumen	Nose	adult
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Integumen	Nose	adult
Integumen	Nose	adult
Accessory	Pancreas	adult
Endocrine	Parathyroi	adult
Endocrine	Pituitary	adult
Lymphatic	Spleen	adult
Lymphatic	Spleen	adult
Primary	DigStomach	adult
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Primary	DigStomach	adult
Endocrine	Thyroid	adult
Endocrine	Thyroid	adult
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Urinary	Kidney	adult
Urinary	Kidney	adult
Accessory	Liver	adult

Accessory[Liver adult
Endocrine Parathyroiadult
Endocrine Parathyroiadult
Lymphatic Spleen adult
Lymphatic Spleen adult
Endocrine ThyroidGlaadult
Endocrine ThyroidGlaadult
Pathology(Hematologadult
Pathology(Hematologadult
IntegumenEye adult
Urinary Kidney adult
IntegumenNose adult
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IntegumenNose adult
IntegumenNose adult
Reproduct Testis adult
Reproduct Testis adult
Reproduct Testis adult
Reproduct Testis adult
InLifeObseBodyWeigladult
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InLifeObseMortality adult
Urinary Kidney adult
Urinary Kidney adult
Urinary Kidney adult
Accessory[Liver adult
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Endocrine ThyroidGlaadult
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Pathology(ClinicalCheadult
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Pathology(Hematologadult
 Urinary Kidney adult
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 Skeletal BoneMarradult
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 Nervous Brain adult
 IntegumenEye adult
 IntegumenEye adult
 IntegumenHarderianadult
 CardiovascHeart adult
 Urinary Kidney adult
 Urinary Kidney adult
 Urinary Kidney adult
 IntegumenLacrimaGladult
 Accessory[Liver adult
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 RespiratorLung adult
 Lymphatic LymphNodadult
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 IntegumenNose adult
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 Endocrine ThyroidGladult
 Urinary Kidney adult

Urinary	Kidney	adult
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Pathology(Hematolog		adult
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InLifeObseMortality		adult
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Endocrine AdrenalGla		adult
IntegumenEye		adult
Accessory[Liver		adult
RespiratorLung		adult
Lymphatic LymphNod		adult
Endocrine Parathyroi		adult
Lymphatic Spleen		adult
Endocrine ThyroidGla		adult
CholinesteCholineste		adult
Urinary	Kidney	adult
Urinary	Kidney	adult
Endocrine Parathyroi		adult
InLifeObseBodyWeigl		adult
InLifeObseFoodConst		adult
InLifeObseMortality		adult
CardiovascHeart		adult
Urinary	Kidney	adult
Accessory[Liver		adult
Endocrine Parathyroi		adult
Lymphatic Spleen		adult
Endocrine ThyroidGla		adult
Pathology(ClinicalChe		adult
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Pathology(ClinicalChe		adult
CholinesteCholineste		adult

Pathology(Hematologadult
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Pathology(Hematologadult
Pathology(Hematologadult
Endocrine AdrenalGlaadult
IntegumenEye adult
Urinary Kidney adult
Urinary Kidney adult
Accessory[Liver adult
RespiratorLung adult
Lymphatic LymphNodadult
IntegumenNose adult
Endocrine Parathyroiadult
RespiratorPharynx adult
Lymphatic Spleen adult
PrimaryDigStomach adult
Endocrine ThyroidGlaadult
InLifeObseBodyWeigladult
InLifeObseFoodConstadult
Urinary Kidney adult
Accessory[Liver adult
Endocrine Parathyroiadult
Endocrine ThyroidGlaadult
Pathology(ClinicalCheadult
CholinesteCholineste adult
Pathology(ClinicalCheadult
CholinesteCholineste adult
Pathology(ClinicalCheadult
CholinesteCholineste adult
Pathology(Hematologadult
Pathology(Hematologadult
Pathology(Hematologadult
Endocrine AdrenalGlaadult
IntegumenEye adult
Urinary Kidney adult
Urinary Kidney adult
Accessory[Liver adult
RespiratorLung adult
Lymphatic LymphNodadult
IntegumenNose adult
Endocrine Parathyroiadult
RespiratorPharynx adult
Lymphatic Spleen adult
PrimaryDigStomach adult
Endocrine ThyroidGlaadult

InLifeObseBodyWeigladult
InLifeObseFoodConstadult
InLifeObseMortality adult
Urinary Kidney adult
Accessory[Liver adult
Endocrine Parathyroiadult
Lymphatic Spleen adult
Endocrine ThyroidGlaadult
Pathology(ClinicalCheadult
Cholineste Cholineste adult
Pathology(ClinicalCheadult
Cholineste Cholineste adult
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Cholineste Cholineste adult
Pathology(ClinicalCheadult
Pathology(Hematologadult
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Pathology(Hematologadult
Endocrine AdrenalGlaadult
IntegumenEye adult
Urinary Kidney adult
Urinary Kidney adult
Accessory[Liver adult
RespiratorLung adult
Lymphatic LymphNodadult
IntegumenNose adult
Endocrine Parathyroiadult
RespiratorPharynx adult
Lymphatic Spleen adult
PrimaryDigStomach adult
Endocrine ThyroidGlaadult
InLifeObseBodyWeigladult
InLifeObseClinicalSigradult
InLifeObseFoodConstadult
InLifeObseMortality adult
Urinary Kidney adult
Accessory[Liver adult
Endocrine Parathyroiadult
Endocrine ThyroidGlaadult
Pathology(ClinicalCheadult
Pathology(ClinicalCheadult
Cholineste Cholineste adult
Pathology(ClinicalCheadult

Cholineste Cholineste adult
 Pathology(ClinicalCheadult
 Cholineste Cholineste adult
 Pathology(Hematologadult
 Pathology(Hematologadult
 Pathology(Hematologadult
 Other TissueNOSadult
 Endocrine AdrenalGladult
 IntegumenEye adult
 Urinary Kidney adult
 Urinary Kidney adult
 AccessoryLiver adult
 RespiratorLung adult
 Lymphatic LymphNodadult
 IntegumenNose adult
 Endocrine Parathyroidadult
 RespiratorPharynx adult
 Lymphatic Spleen adult
 PrimaryDigStomach adult
 Endocrine ThyroidGladult
 NULL NULL NULL
 SensorimoReflexes juvenile
 SensorimoReflexes juvenile
 NULL NULL NULL
 Motor Locomotiojuvenile
 Motor Locomotiojuvenile
 SensorimoReflexes juvenile
 InLifeObseClinicalSigrjuvenile
 SensorimoReflexes juvenile
 InLifeObseClinicalSigradult
 InLifeObseClinicalSigrjuvenile
 InLifeObseClinicalSigrjuvenile
 InLifeObseClinicalSigradult
 InLifeObseClinicalSigrjuvenile
 InLifeObseClinicalSigrjuvenile
 BrainMorpThickness juvenile
 Motor Locomotiojuvenile
 Motor Locomotiojuvenile
 Motor MotorActijuvvenile
 SensorimoReflexes juvenile
 SensorimoReflexes juvenile
 InLifeObseClinicalSigrjuvenile
 InLifeObseClinicalSigrjuvenile
 InLifeObseClinicalSigrjuvenile
 InLifeObseClinicalSigradult

InLifeObseClinicalSigrjuvenile		
InLifeObseClinicalSigrjuvenile		
BrainMorpThickness	juvenile	
Urinary	Kidney	fetal
Urinary	Kidney	fetal
Urinary	Kidney	fetal
SensorimoReflexes	juvenile	
SensorimoReflexes	juvenile	
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InLifeObseBodyWeigladult		
InLifeObseClinicalSigradult		
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InLifeObseClinicalSigradult		
InLifeObseClinicalSigradult		
InLifeObseFoodConstadult		
InLifeObseMortality	adult	
InLifeObseBodyWeigladult		
InLifeObseClinicalSigradult		
InLifeObseClinicalSigradult		
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InLifeObseClinicalSigradult		
InLifeObseClinicalSigradult		
InLifeObseFoodConstadult		
CholinesteCholineste	adult	
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InLifeObseMortality	adult	
CholinesteCholineste	adult	
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InLifeObseClinicalSigradult
CholinesteCholinesteadult
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InLifeObseBodyWeigladult
InLifeObseClinicalSigradult
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InLifeObseClinicalSigradult
InLifeObseFoodConstadult
CholinesteCholinesteadult
CholinesteCholinesteadult
CholinesteCholinesteadult
InLifeObseMortality adult
InLifeObseBodyWeigladult
InLifeObseBodyWeigladult
InLifeObseClinicalSigradult
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CholinesteCholinesteadult
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InLifeObseBodyWeigladult
InLifeObseMortality adult
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Cholineste Cholineste adult
Pathology(Other adult
Cholineste Cholineste adult
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Pathology(Other adult
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Cholineste Cholineste adult
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InLifeObseBodyWeigladult
Cholineste Cholineste adult
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Cholineste Cholineste adult
InLifeObseBodyWeigladult
InLifeObseBodyWeigljuvenile
InLifeObseBodyWeigljuvenile
Pathology(ClinicalCheadult
Pathology(ClinicalCheadult
Pathology(ClinicalCheadult
OffspringS/NOS juvenile
InLifeObseBodyWeigladult
InLifeObseBodyWeigladult
InLifeObseBodyWeigljuvenile
InLifeObseBodyWeigljuvenile
Pathology(ClinicalCheadult
Pathology(ClinicalCheadult

Pathology(ClinicalCheadult		
OffspringS	NOS	juvenile
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Cholineste	Cholineste	adult
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IntegumenEye		adult
IntegumenEye		adult
IntegumenEye		adult
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IntegumenEye		adult
IntegumenEye		adult
IntegumenEye		adult
IntegumenEye		adult
Other	Uncertain	adult
Respirator	Lung	adult
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Cholineste	Cholineste	adult
Cholineste	Cholineste	adult
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InLifeObseClinicalSigr	adult	
Nervous	Nerve	adult
Nervous	Nerve	adult
Nervous	Nerve	adult
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CholinesteCholineste	adult	
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IntegumenEye		adult
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IntegumenEye		adult
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InLifeObseBodyWeigl	adult	
InLifeObseClinicalSigr	adult	
InLifeObseClinicalSigr	adult	
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InLifeObseClinicalSigr	adult	
CholinesteCholineste	adult	
CholinesteCholineste	adult	
CholinesteCholineste	adult	
IntegumenEye		adult
IntegumenEye		adult
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InLifeObseBodyWeigl	adult	
InLifeObseClinicalSigr	adult	
InLifeObseClinicalSigr	adult	
InLifeObseClinicalSigr	adult	
InLifeObseClinicalSigr	adult	
InLifeObseMortality		adult
Pathology(ClinicalChea	adult	
CholinesteCholineste	adult	
CholinesteCholineste	adult	
CholinesteCholineste	adult	
IntegumenEye		adult
IntegumenEye		adult
IntegumenEye		adult

Integumen	Eye	adult
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InLifeObse	BodyWeigl	adult
Motor	Locomotio	juvenile
Pathology(Clinical	Che	adult
Nervous	Brain	fetal
InLifeObse	BodyWeigl	adult
NULL	NULL	NULL
InLifeObse	ClinicalSigr	juvenile
Motor	Locomotio	juvenile
Pathology(Clinical	Che	adult
Nervous	Brain	fetal
Sensorimo	Reflexes	juvenile
Sensorimo	Reflexes	juvenile
Sensorimo	Reflexes	juvenile
Learningar	Learning	juvenile
Learningar	Memory	juvenile
Learningar	Unknown	juvenile
Learningar	Memory	juvenile
Learningar	Unknown	juvenile
Sensorimo	Reflexes	juvenile
Learningar	Learning	juvenile
Learningar	Memory	juvenile
Learningar	Unknown	juvenile
Learningar	Memory	juvenile
Learningar	Unknown	juvenile
Sensorimo	Reflexes	juvenile
InLifeObse	BodyWeigl	adult
InLifeObse	ClinicalSigr	adult
Accessory[Liver		adult
Endocrine	ThyroidGla	adult
Endocrine	ThyroidGla	adult
InLifeObse	BodyWeigl	adult
Endocrine	ThyroidGla	adult
Endocrine	ThyroidGla	adult
InLifeObse	BodyWeigl	adult
InLifeObse	ClinicalSigr	adult
Accessory[Liver		adult

Endocrine ThyroidGlaadult
 Endocrine ThyroidGlaadult
 InLifeObseBodyWeigladult
 InLifeObseMortality adult
 Accessory[Liver adult
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 Endocrine ThyroidGlaadult
 InLifeObseBodyWeigladult
 Accessory[Liver adult
 Accessory[Liver adult
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 Accessory[Liver adult
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 InLifeObseBodyWeigladult
 InLifeObseClinicalSigradult
 Accessory[Liver adult
 Accessory[Liver adult
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 InLifeObseClinicalSigradult
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 InLifeObseBodyWeigladult
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 BrainMorpThickness juvenile
 BrainMorpThickness juvenile
 BrainMorpThickness juvenile
 InLifeObseBodyWeigladult
 InLifeObseBodyWeigladult
 BrainMorpHeight juvenile
 BrainMorpThickness juvenile
 BrainMorpThickness juvenile
 BrainMorpThickness juvenile
 Nervous Brain adult
 Pathology(ClinicalCheadult

Pathology(ClinicalCheadult
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 Accessory[Pancreas adult
 Accessory[Pancreas adult
 Pathology(ClinicalCheadult
 Pathology(ClinicalCheadult
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 InLifeObseClinicalSigradult
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 InLifeObseMortality adult
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 InLifeObseMortality adult
 Reproduct Gestationapregnancy
 Reproduct Implantatiipregnancy
 Skeletal Axial fetal
 InLifeObseBodyWeigladult
 InLifeObseBodyWeigladult
 OffspringS LiveFetusepregnancy
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Urinary	Kidney	juvenile
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InLifeObseBodyWeigladult

InLifeObseClinicalSigradult

InLifeObseBodyWeigladult

InLifeObseClinicalSigradult

InLifeObseBodyWeigladult

InLifeObseBodyWeigljuvenile

InLifeObseBodyWeigljuvenile

InLifeObseClinicalSigradult

InLifeObseFoodConstadult

InLifeObseBodyWeigladult

InLifeObseBodyWeigljuvenile

InLifeObseBodyWeigljuvenile

InLifeObseClinicalSigradult

InLifeObseBodyWeigljuvenile

InLifeObseBodyWeigljuvenile

InLifeObseBodyWeigljuvenile

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InLifeObseBodyWeigljuvenile

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InLifeObseBodyWeigladult

Reproduct Ovary adult

Reproduct Ovary		adult
Urinary Kidney		adult
Urinary Kidney		adult
InLifeObseBodyWeigl		adult
Reproduct Testis		adult
Reproduct Testis		adult
Urinary Kidney		adult
Accessory[Liver		adult
Accessory[Liver		adult
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PrimaryDigStomach		adult
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Accessory[Liver		adult
Accessory[Liver		adult
Accessory[Liver		adult
Pathology(Urinalysis		adult
Pathology(Urinalysis		adult
IntegumenEye		adult
IntegumenEye		adult
Accessory[Pancreas		adult
NULL	NULL	NULL
InLifeObseBodyWeigl		adult
InLifeObseBodyWeigl		adult
PrimaryDigStomach		adult
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source_study_numeric_id	guideline_name	study_type
45627001	Developmental neurotoxicity range-finding study	DNT
45566201	Developmental neurotoxicity ChE Inhibition study	DNT
41160901	Prenatal developmental toxicity study	DEV
152569	Prenatal developmental toxicity study	DEV
41583401	Multigenerational reproductive toxicity study	MGR
40188501	Chronic toxicity	CHR
43407201	Carcinogenicity	CHR
43942901	Combined chronic toxicity/carcinogenicity	CHR
45069401	Combined chronic toxicity/carcinogenicity	CHR
45646401	Developmental neurotoxicity study	DNT

source_study_numeric_id	guideline_name	study_type
41834501	Subchronic oral toxicity in rodents	SUB
41836601	Subchronic oral toxicity in nonrodent	SUB
41418501	Multigenerational reproductive toxicity study	MGR
93896	Chronic toxicity	CHR
4088701	Chronic toxicity	CHR
41817301	Carcinogenicity	CHR
41108601	Combined chronic toxicity/carcinogenicity	CHR
40644704	Combined chronic toxicity/carcinogenicity	CHR
165344	Combined chronic toxicity/carcinogenicity	CHR
NULL	Developmental neurotoxicity study	DNT

source_study_numeric_id	guideline_name	study_type
40815003	Subchronic oral toxicity in rodents	SUB
40815004	Subchronic oral toxicity in nonrodent	SUB
153017	Prenatal developmental toxicity study	DEV
79017	Prenatal developmental toxicity study	DEV
41158101	Multigenerational reproductive toxicity study	MGR
41158102	Multigenerational reproductive toxicity study	MGR
75932	Chronic toxicity	CHR
41942001	Chronic toxicity	CHR
41942002	Chronic toxicity	CHR
73372	Carcinogenicity	CHR
73372	Combined chronic toxicity/carcinogenicity	CHR
46195601	Developmental neurotoxicity study	DNT
45842601	Developmental neurotoxicity range-finding study	DNT

source_study_guideline_study_type
NULL CarcinogenCHR
46660601 DevelopmentDNT

source_study_numeric_id	guideline_name	study_type
40559401	Subchronic oral toxicity in rodents	SUB
46363	Prenatal developmental toxicity study	DEV
46362	Prenatal developmental toxicity study	DEV
81674	Multigenerational reproductive toxicity study	MGR
41621501	Multigenerational reproductive toxicity study	MGR
153374	Chronic toxicity	CHR
130406	Carcinogenicity	CHR
41643801	Combined chronic toxicity/carcinogenicity	CHR
93879	Combined chronic toxicity/carcinogenicity	CHR