

56-38-2 Parathion phase1v1;jopp_der

2 Partially Co

2 All Treatm

2 Acceptable

56-38-2 Parathion phase1v1;jopp_der

2 Partially Co

2 All Treatm

2 Acceptable

56-38-2 Parathion phase1v1;jopp_der

2 Partially Co

2 All Treatm

2 Acceptable

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

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Memo,
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Parathion;
Chronic
Feeding
Study in
Rats; Light
and
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1040	4088701	4088701	1986ed	870.41 Chronic to:	4 CHR	1
1040	4088701	4088701	1986ed	870.41 Chronic to:	4 CHR	1
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1040	4088701	4088701	1986ed	870.41 Chronic to:	4 CHR	1
1040	4088701	4088701	1986ed	870.41 Chronic to:	4 CHR	1
1040	4088701	4088701	1986ed	870.41 Chronic to:	4 CHR	1
1040	4088701	4088701	1986ed	870.41 Chronic to:	4 CHR	1
1040	4088701	4088701	1986ed	870.41 Chronic to:	4 CHR	1
1040	4088701	4088701	1986ed	870.41 Chronic to:	4 CHR	1
1039	41817301	41817301	1991Page, J.; H	870.42 Carcinoger	4 CHR	2
1039	41817301	41817301	1991Page, J.; H	870.42 Carcinoger	4 CHR	2
1039	41817301	41817301	1991Page, J.; H	870.42 Carcinoger	4 CHR	2
1039	41817301	41817301	1991Page, J.; H	870.42 Carcinoger	4 CHR	2
1039	41817301	41817301	1991Page, J.; H	870.42 Carcinoger	4 CHR	2
1039	41817301	41817301	1991Page, J.; H	870.42 Carcinoger	4 CHR	2
1037	41108601	41108601	1989Cockrell, B	870.43 Combined	4 CHR	1
1037	41108601	41108601	1989Cockrell, B	870.43 Combined	4 CHR	1
1037	41108601	41108601	1989Cockrell, B	870.43 Combined	4 CHR	1
1037	41108601	41108601	1989Cockrell, B	870.43 Combined	4 CHR	1

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

rat

[Not Repo] Study dose Feed

Oral

0 month

26 month

rat

[Not Repo|Study doseFeed

Oral

0 month

26 month

rat [Not Repo] Study dose Feed 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	
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
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	

rat	Fischer 34	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 34	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 34	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 34	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 34	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 34	Time-weight	Feed	Oral	0 day	80 week	
rat	Fischer 34	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/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	CD(SD)ICS Strain: Crl:	Gavage/In	Oral	6 GD	70 PND		NJ250RB08
rat	Sprague Dawley	Feed	Oral	0 day	3 month		XLG161

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	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	0.03	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	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	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	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

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

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	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	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	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

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

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

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

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
	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	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

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

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

dosing_per_dose_level_dose	tg_dose_u	duration	duration_cno_animal	effect_type	effect_target
Initial-to-T	1	0.03 mg/kg/day	90 day	15 NULL	NULL
Initial-to-T	1	0.04 mg/kg/day	90 day	15 NULL	NULL
Initial-to-T	2	0.3 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	2	0.4 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	2	0.4 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	3	15 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	3	15 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	3	19 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	3	19 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	3	19 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	4	168 mg/kg/day	90 day	15 In-Life Obs	Body Weig
Initial-to-T	4	168 mg/kg/day	90 day	15 In-Life Obs	Clinical Sig
Initial-to-T	4	168 mg/kg/day	90 day	15 In-Life Obs	Clinical Sig
Initial-to-T	4	168 mg/kg/day	90 day	15 In-Life Obs	Clinical Sig
Initial-to-T	4	168 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	4	168 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	4	168 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	4	212 mg/kg/day	90 day	15 In-Life Obs	Body Weig
Initial-to-T	4	212 mg/kg/day	90 day	15 In-Life Obs	Clinical Sig
Initial-to-T	4	212 mg/kg/day	90 day	15 In-Life Obs	Clinical Sig
Initial-to-T	4	212 mg/kg/day	90 day	15 Organ Wei	Liver
Initial-to-T	4	212 mg/kg/day	90 day	15 Organ Wei	Liver
Initial-to-T	4	212 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	4	212 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	4	212 mg/kg/day	90 day	15 Pathology	Clinical Che
Initial-to-T	4	212 mg/kg/day	90 day	15 Pathology	Hematolog
Initial-to-T	4	212 mg/kg/day	90 day	15 Pathology	Hematolog
Initial-to-T	4	212 mg/kg/day	90 day	15 Pathology	Hematolog
Initial-to-T	4	212 mg/kg/day	90 day	15 Pathology	Hematolog
Initial-to-T	4	212 mg/kg/day	90 day	15 Pathology	Liver
Initial-to-T	1	0.0034 mg/kg/day	90 day	4 NULL	NULL
Initial-to-T	1	0.0037 mg/kg/day	90 day	4 NULL	NULL
Initial-to-T	2	0.02 mg/kg/day	90 day	4 NULL	NULL
Initial-to-T	2	0.021 mg/kg/day	90 day	4 NULL	NULL
Initial-to-T	3	5.6 mg/kg/day	90 day	4 NULL	NULL
Initial-to-T	3	5.9 mg/kg/day	90 day	4 NULL	NULL
Initial-to-T	4	10.9 mg/kg/day	90 day	4 NULL	NULL
Initial-to-T	4	11.6 mg/kg/day	90 day	4 NULL	NULL
Initial-to-T	1	10 mg/kg/day	10 day	27 NULL	NULL
Initial-to-T	1	10 mg/kg/day	NULL	NULL	NULL
Initial-to-T	2	20 mg/kg/day	10 day	27 NULL	NULL
Initial-to-T	2	20 mg/kg/day	NULL	NULL	NULL
Initial-to-T	3	100 mg/kg/day	10 day	27 In-Life Obs	Body Weig
Initial-to-T	3	100 mg/kg/day	10 day	27 Reproduct	Reproduct

Initial-to-T	3	100 mg/kg/day	10 day		27	Reproduct	Reproduct
Initial-to-T	3	100 mg/kg/day	10 day		27	Reproduct	Reproduct
Initial-to-T	3	100 mg/kg/day	10 day		27	Reproduct	Reproduct
Initial-to-T	3	100 mg/kg/day	NULL	NULL		Developm	Bone
Initial-to-T	3	100 mg/kg/day	NULL	NULL		Developm	Bone
Initial-to-T	3	100 mg/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	100 mg/kg/day	13 day		22	In-Life Obs	Body Weig
Initial-to-T	3	100 mg/kg/day	13 day		22	In-Life Obs	Clinical Sig
Initial-to-T	3	100 mg/kg/day	13 day		22	In-Life Obs	Clinical Sig
Initial-to-T	3	100 mg/kg/day	13 day		22	Pathology	Stomach
Initial-to-T	3	100 mg/kg/day	13 day		22	Pathology	Stomach
Initial-to-T	3	100 mg/kg/day	13 day		22	Pathology	Stomach
Initial-to-T	3	100 mg/kg/day	13 day		22	Reproduct	Maternal V
Initial-to-T	3	100 mg/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 Che
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 Che

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

Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	In-Life ObsBody Weig
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning aMaze
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning aMaze
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning aMaze
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning aMaze
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning aMaze
Initial-to-T	3	24.2 mg/kg/day	NULL	NULL	Learning aMaze
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	ReproductSexual 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 ObsBody Weig
Initial-to-T	4	38.06 mg/kg/day	38 day	10	In-Life ObsClinical Sig
Initial-to-T	4	38.06 mg/kg/day	38 day	10	In-Life ObsClinical 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 ObsBody Weig
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	In-Life ObsBody Weig
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	NeurotoxicMotor 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 ObsBody Weig
Initial-to-T	4	38.06 mg/kg/day	NULL	NULL	In-Life ObsBody 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	4	38.06 mg/kg/day	NULL	NULL	Pathology Clinical Che
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 ObsFood 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 Che
Satellite	4	150 mg/kg/day	NULL	NULL	Pathology	Clinical Che
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Che
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Che
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Che
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Che
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Che
Satellite	4	150 mg/kg/day	11 day	NULL	Pathology	Clinical Che
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 Che
Initial-to-T	4	200 mg/kg/day	11 day	NULL	Pathology	Clinical Che
Initial-to-T	4	200 mg/kg/day	11 day	NULL	Pathology	Clinical Che
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 Che
Initial-to-T	4	200 mg/kg/day	11 day	NULL	Pathology	Clinical Che
Initial-to-T	4	200 mg/kg/day	11 day	NULL	Pathology	Clinical Che
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 Che
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 Che
Initial-to-T	1	5 mg/kg/day	11 day	NULL	Pathology	Clinical Che

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

Initial-to-T	3	394 mg/kg/day	9 week	25 NULL	NULL
Initial-to-T	3	394 mg/kg/day	NULL	24 In-Life Obs	Body Weig
Second Ma	3	394 mg/kg/day	NULL	22 NULL	NULL
Initial-to-T	3	394 mg/kg/day	NULL	24 NULL	NULL
Second Ma	3	394 mg/kg/day	NULL	16 In-Life Obs	Body Weig
Initial-to-T	3	451 mg/kg/day	9 week	25 NULL	NULL
Initial-to-T	3	451 mg/kg/day	NULL	24 In-Life Obs	Body Weig
Second Ma	3	451 mg/kg/day	NULL	22 NULL	NULL
Initial-to-T	3	451 mg/kg/day	NULL	24 NULL	NULL
Second Ma	3	451 mg/kg/day	NULL	16 In-Life Obs	Body Weig
Initial-to-T	4	611.5 mg/kg/day	9 week	25 NULL	NULL
Initial-to-T	4	611.5 mg/kg/day	NULL	24 In-Life Obs	Body Weig
Initial-to-T	4	611.5 mg/kg/day	NULL	24 In-Life Obs	Body Weig
Second Ma	4	611.5 mg/kg/day	NULL	22 In-Life Obs	Body Weig
Initial-to-T	4	611.5 mg/kg/day	NULL	25 In-Life Obs	Body Weig
Second Ma	4	611.5 mg/kg/day	NULL	20 In-Life Obs	Body Weig
Initial-to-T	4	703.4 mg/kg/day	9 week	25 In-Life Obs	Body Weig
Initial-to-T	4	703.4 mg/kg/day	NULL	24 In-Life Obs	Body Weig
Initial-to-T	4	703.4 mg/kg/day	NULL	24 In-Life Obs	Body Weig
Second Ma	4	703.4 mg/kg/day	NULL	22 In-Life Obs	Body Weig
Initial-to-T	4	703.4 mg/kg/day	NULL	25 In-Life Obs	Body Weig
Second Ma	4	703.4 mg/kg/day	NULL	20 In-Life Obs	Body Weig
Initial-to-T	1	62.5 mg/kg/day	12 month	6 NULL	NULL
Initial-to-T	1	62.5 mg/kg/day	12 month	6 NULL	NULL
Initial-to-T	2	125 mg/kg/day	12 month	6 NULL	NULL
Initial-to-T	2	125 mg/kg/day	12 month	6 NULL	NULL
Initial-to-T	3	250 mg/kg/day	12 month	6 NULL	NULL
Initial-to-T	3	250 mg/kg/day	12 month	6 NULL	NULL
Initial-to-T	1	17.4 mg/kg/day	18 month	55 NULL	NULL
Interim Sac	1	17.4 mg/kg/day	12 month	10 NULL	NULL
Initial-to-T	1	20.8 mg/kg/day	18 month	55 NULL	NULL
Interim Sac	1	20.8 mg/kg/day	12 month	10 NULL	NULL
Initial-to-T	2	143 mg/kg/day	18 month	55 Pathology	Clinical Che
Initial-to-T	2	143 mg/kg/day	18 month	55 Pathology	Clinical Che
Interim Sac	2	143 mg/kg/day	12 month	10 Pathology	Clinical Che
Interim Sac	2	143 mg/kg/day	12 month	10 Pathology	Clinical Che
Initial-to-T	2	167 mg/kg/day	18 month	55 Pathology	Clinical Che
Initial-to-T	2	167 mg/kg/day	18 month	55 Pathology	Clinical Che
Interim Sac	2	167 mg/kg/day	12 month	10 Pathology	Clinical Che
Interim Sac	2	167 mg/kg/day	12 month	10 Pathology	Clinical Che
Initial-to-T	3	1476 mg/kg/day	18 month	55 In-Life Obs	Body Weig
Initial-to-T	3	1476 mg/kg/day	18 month	55 In-Life Obs	Food Cons
Initial-to-T	3	1476 mg/kg/day	18 month	55 Organ Wei	Liver
Initial-to-T	3	1476 mg/kg/day	18 month	55 Pathology	Clinical Che
Initial-to-T	3	1476 mg/kg/day	18 month	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 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 ObsMortality
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
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 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 Noc
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	359 mg/kg/day	24 month	55 Pathology Harderian
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Heart
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 Kidney
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 Lacrimal G
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Liver
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Liver
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Lung
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Lung
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 Lymph No
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Nose
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Pancreas
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Parathyroi
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Pituitary G
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Spleen
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Spleen
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Stomach
Initial-to-T	3	359 mg/kg/day	24 month	55 Pathology Thyroid Gl
Interim Sac	3	359 mg/kg/day	3 month	10 NULL NULL
Interim Sac	3	359 mg/kg/day	12 month	15 Organ WeiKidney
Interim Sac	3	359 mg/kg/day	12 month	15 Organ WeiKidney
Interim Sac	3	359 mg/kg/day	12 month	15 Organ WeiLiver
Interim Sac	3	359 mg/kg/day	12 month	15 Organ WeiLiver
Interim Sac	3	359 mg/kg/day	12 month	15 Organ WeiParathyroi
Interim Sac	3	359 mg/kg/day	12 month	15 Organ WeiParathyroi
Interim Sac	3	359 mg/kg/day	12 month	15 Organ WeiSpleen
Interim Sac	3	359 mg/kg/day	12 month	15 Organ WeiSpleen

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

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

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 Noc
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 Noc
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	359 mg/kg/day	24 month	90 Pathology Hematolog
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Hematolog
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Hematolog
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Hematolog
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Adrenal Gl
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Eye
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Kidney
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Kidney
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Liver
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Lung
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Lymph Noe
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Nose
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Parathyroi
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Pharynx
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Spleen
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Stomach
Initial-to-T	3	359 mg/kg/day	24 month	90 Pathology Thyroid Gl
Initial-to-T	3	415 mg/kg/day	24 month	90 In-Life ObsBody Weig
Initial-to-T	3	415 mg/kg/day	24 month	90 In-Life ObsFood Cons
Initial-to-T	3	415 mg/kg/day	24 month	90 Organ WeiKidney
Initial-to-T	3	415 mg/kg/day	24 month	90 Organ WeiLiver
Initial-to-T	3	415 mg/kg/day	24 month	90 Organ WeiParathyroi
Initial-to-T	3	415 mg/kg/day	24 month	90 Organ WeiThyroid Gl
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Clinical Che
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Hematolog
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Hematolog
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Hematolog
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Adrenal Gl
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Eye
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Kidney
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Kidney
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Liver
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Lung
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Lymph Noe
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Nose
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Parathyroi
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Pharynx
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Spleen
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Stomach
Initial-to-T	3	415 mg/kg/day	24 month	90 Pathology Thyroid Gl

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

Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Clinical Che
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Clinical Che
Initial-to-T	4	868 mg/kg/day	24 month		90 Pathology Clinical Che
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	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	Pathology Kidney
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Pathology Kidney
Initial-to-T	3	150 mg/kg/day	11 day	NULL	Pathology Kidney
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	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/day	NULL	NULL	NULL
Satellite	1	7.5 mg/kg/day	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/day	NULL	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	750 mg/kg/day	27 day	10	In-Life ObsBody Weig
Initial-to-T	2	750 mg/kg/day	27 day	10	In-Life ObsClinical Sig
Initial-to-T	2	750 mg/kg/day	27 day	10	In-Life ObsClinical Sig
Initial-to-T	2	750 mg/kg/day	27 day	10	In-Life ObsClinical Sig
Initial-to-T	2	750 mg/kg/day	27 day	10	In-Life ObsClinical Sig
Initial-to-T	2	750 mg/kg/day	27 day	10	In-Life ObsClinical Sig
Initial-to-T	2	750 mg/kg/day	27 day	10	In-Life ObsFood Cons
Initial-to-T	2	750 mg/kg/day	27 day	10	Reproduct Maternal V
Initial-to-T	2	750 mg/kg/day	15 day	5	In-Life ObsBody Weig
Initial-to-T	2	750 mg/kg/day	15 day	5	In-Life ObsClinical Sig
Initial-to-T	2	750 mg/kg/day	15 day	5	In-Life ObsClinical Sig
Initial-to-T	2	750 mg/kg/day	15 day	5	In-Life ObsClinical Sig
Initial-to-T	2	750 mg/kg/day	15 day	5	In-Life ObsClinical Sig
Initial-to-T	2	750 mg/kg/day	15 day	5	In-Life ObsClinical Sig
Initial-to-T	2	750 mg/kg/day	15 day	5	In-Life ObsFood Cons
Initial-to-T	2	750 mg/kg/day	15 day	5	Pathology Clinical Che
Initial-to-T	2	750 mg/kg/day	15 day	5	Pathology Clinical Che
Initial-to-T	2	750 mg/kg/day	15 day	5	Reproduct Maternal V
Initial-to-T	2	750 mg/kg/day	NULL	NULL	Pathology Clinical Che
Initial-to-T	2	750 mg/kg/day	11 day	NULL	NULL
Initial-to-T	2	750 mg/kg/day	11 day	NULL	NULL

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 Che
Initial-to-T	2	20 mg/kg/day	18 month	50 Pathology	Clinical Che
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 Obs	Clinical 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 Che
Initial-to-T	2	0.42 mg/kg/day	24 month	50 Pathology	Clinical Che
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 Che
Initial-to-T	2	0.53 mg/kg/day	24 month	50 Pathology	Clinical Che
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 Obs	Body Weig
Initial-to-T	3	1.75 mg/kg/day	24 month	50 In-Life Obs	Clinical Sig
Initial-to-T	3	1.75 mg/kg/day	24 month	50 In-Life Obs	Clinical Sig
Initial-to-T	3	1.75 mg/kg/day	24 month	50 In-Life Obs	Clinical Sig
Initial-to-T	3	1.75 mg/kg/day	24 month	50 In-Life Obs	Clinical Sig
Initial-to-T	3	1.75 mg/kg/day	24 month	50 Pathology	Clinical Che
Initial-to-T	3	1.75 mg/kg/day	24 month	50 Pathology	Clinical Che
Initial-to-T	3	1.75 mg/kg/day	24 month	50 Pathology	Clinical Che
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 Obs	Body Weig
Initial-to-T	3	2.47 mg/kg/day	24 month	50 In-Life Obs	Clinical Sig
Initial-to-T	3	2.47 mg/kg/day	24 month	50 In-Life Obs	Clinical Sig
Initial-to-T	3	2.47 mg/kg/day	24 month	50 In-Life Obs	Clinical Sig
Initial-to-T	3	2.47 mg/kg/day	24 month	50 In-Life Obs	Clinical Sig
Initial-to-T	3	2.47 mg/kg/day	24 month	50 In-Life Obs	Mortality
Initial-to-T	3	2.47 mg/kg/day	24 month	50 Pathology	Clinical Che
Initial-to-T	3	2.47 mg/kg/day	24 month	50 Pathology	Clinical Che
Initial-to-T	3	2.47 mg/kg/day	24 month	50 Pathology	Clinical Che
Initial-to-T	3	2.47 mg/kg/day	24 month	50 Pathology	Clinical Che
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	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 Che

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/day NULL		NULL	NULL NULL
Initial-to-T	2	175 mg/kg/day	22 day		16 NULL NULL
Initial-to-T	2	175 mg/kg/day NULL		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/day NULL		NULL	NULL NULL
Initial-to-T	1	300 mg/kg/day	14 day		25 NULL NULL
Initial-to-T	1	300 mg/kg/day NULL		NULL	NULL NULL
Initial-to-T	2	1000 mg/kg/day	14 day		25 NULL NULL
Initial-to-T	2	1000 mg/kg/day NULL		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/day NULL		NULL	DevelopmBone
Initial-to-T	3	3500 mg/kg/day NULL		NULL	In-Life ObsBody Weig
Initial-to-T	3	3500 mg/kg/day NULL		NULL	In-Life ObsBody Weig
Initial-to-T	3	3500 mg/kg/day NULL		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
Second Ma	1	3 mg/kg/day			24 NULL	NULL
Initial-to-Ti	1	3 mg/kg/day		NULL	NULL	NULL
Second Ma	1	3 mg/kg/day			12 NULL	NULL
Initial-to-Ti	1	3 mg/kg/day		NULL	NULL	NULL
Second Ma	1	3 mg/kg/day			24 NULL	NULL
Initial-to-Ti	1	3 mg/kg/day		NULL	NULL	NULL
Second Ma	1	3 mg/kg/day			12 NULL	NULL
Initial-to-Ti	1	3 mg/kg/day		NULL	NULL	NULL
Second Ma	1	3 mg/kg/day		NULL	NULL	NULL
Initial-to-Ti	1	3 mg/kg/day		NULL	NULL	NULL
Second Ma	1	3 mg/kg/day		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
Second Ma	2	10 mg/kg/day			24 NULL	NULL
Initial-to-Ti	2	10 mg/kg/day		NULL	NULL	NULL
Second Ma	2	10 mg/kg/day			12 NULL	NULL
Initial-to-Ti	2	10 mg/kg/day		NULL	NULL	NULL
Second Ma	2	10 mg/kg/day			24 NULL	NULL
Initial-to-Ti	2	10 mg/kg/day		NULL	NULL	NULL
Second Ma	2	10 mg/kg/day			12 NULL	NULL
Initial-to-Ti	2	10 mg/kg/day		NULL	NULL	NULL
Second Ma	2	10 mg/kg/day		NULL	NULL	NULL
Initial-to-Ti	2	10 mg/kg/day		NULL	NULL	NULL
Second Ma	2	10 mg/kg/day		NULL	NULL	NULL
Initial-to-Ti	2	10 mg/kg/day		NULL	NULL	NULL
Second Ma	2	10 mg/kg/day		NULL	NULL	NULL
Initial-to-Ti	2	10 mg/kg/day		NULL	NULL	NULL
Second Ma	2	10 mg/kg/day		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
Second Ma	3	30 mg/kg/day			24 NULL	NULL
Initial-to-Ti	3	30 mg/kg/day		NULL	NULL	NULL
Second Ma	3	30 mg/kg/day			12 NULL	NULL
Initial-to-Ti	3	30 mg/kg/day		NULL	NULL	NULL
Second Ma	3	30 mg/kg/day			24 NULL	NULL
Initial-to-Ti	3	30 mg/kg/day		NULL	NULL	NULL
Second Ma	3	30 mg/kg/day			12 NULL	NULL
Initial-to-Ti	3	30 mg/kg/day		NULL	NULL	NULL
Second Ma	3	30 mg/kg/day		NULL	NULL	NULL
Initial-to-Ti	3	30 mg/kg/day		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			30 NULL	NULL
Initial-to-Ti	1	100 mg/kg/day			30 NULL	NULL

Initial-to-T	1	100 mg/kg/day	NULL	NULL	NULL	NULL
Second Ma	1	100 mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	1	100 mg/kg/day	NULL	NULL	NULL	NULL
Second Ma	1	100 mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	2	500 mg/kg/day	11 week	30	NULL	NULL
Initial-to-T	2	500 mg/kg/day	11 week	30	NULL	NULL
Initial-to-T	2	500 mg/kg/day	NULL	30	NULL	NULL
Initial-to-T	2	500 mg/kg/day	NULL	30	NULL	NULL
Initial-to-T	2	500 mg/kg/day	NULL	NULL	NULL	NULL
Second Ma	2	500 mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	2	500 mg/kg/day	NULL	NULL	NULL	NULL
Second Ma	2	500 mg/kg/day	NULL	NULL	NULL	NULL
Initial-to-T	3	1500 mg/kg/day	11 week	30	In-Life Obs	Body Weig
Initial-to-T	3	1500 mg/kg/day	11 week	30	In-Life Obs	Clinical Sig
Initial-to-T	3	1500 mg/kg/day	11 week	30	In-Life Obs	Body Weig
Initial-to-T	3	1500 mg/kg/day	11 week	30	In-Life Obs	Clinical Sig
Initial-to-T	3	1500 mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500 mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500 mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500 mg/kg/day	NULL	30	In-Life Obs	Clinical Sig
Initial-to-T	3	1500 mg/kg/day	NULL	30	In-Life Obs	Clinical Sig
Initial-to-T	3	1500 mg/kg/day	NULL	30	In-Life Obs	Food Cons
Initial-to-T	3	1500 mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500 mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500 mg/kg/day	NULL	30	In-Life Obs	Body Weig
Initial-to-T	3	1500 mg/kg/day	NULL	30	In-Life Obs	Clinical Sig
Initial-to-T	3	1500 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	3	1500 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Second Ma	3	1500 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Second Ma	3	1500 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	3	1500 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	3	1500 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Second Ma	3	1500 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Second Ma	3	1500 mg/kg/day	NULL	NULL	In-Life Obs	Body Weig
Initial-to-T	1	20 mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	1	20 mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	2	100 mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	2	100 mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	3	500 mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	3	500 mg/kg/day	12 month	6	NULL	NULL
Initial-to-T	1	150 mg/kg/day	24 month	50	NULL	NULL
Initial-to-T	1	150 mg/kg/day	24 month	50	NULL	NULL
Initial-to-T	2	750 mg/kg/day	24 month	50	NULL	NULL
Initial-to-T	2	750 mg/kg/day	24 month	50	NULL	NULL
Initial-to-T	3	4500 mg/kg/day	24 month	50	In-Life Obs	Body Weig
Initial-to-T	3	4500 mg/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	loael	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	Cholineste	ChE
Erythrocyte Cholinesterase	Decrease		NULL			-1	Cholineste	ChE
Plasma Cholinesterase	Decrease	stated as s	NULL			-1	Cholineste	ChE
Erythrocyte Cholinesterase	Decrease		NULL			-1	Cholineste	ChE
Plasma Cholinesterase	Decrease	stated as s	NULL			-1	Cholineste	ChE
Brain Cholinesterase	Decrease		NULL			-1	Cholineste	ChE
Erythrocyte Cholinesterase	Decrease		NULL			0	Cholineste	ChE
Plasma Cholinesterase	Decrease	stated as s	NULL			0	Cholineste	ChE
Body Weight Gain	Decrease		NULL			0	Systemic	SysCarc
Aggressive Behavior	Increase		NULL			0	Systemic	SysCarc
reactivity to handling	Increase	sound and	NULL			0	Systemic	SysCarc
soft stools	Increase		NULL			0	Systemic	SysCarc
Brain Cholinesterase	Decrease		NULL			0	Cholineste	ChE
Erythrocyte Cholinesterase	Decrease		NULL			0	Cholineste	ChE
Plasma Cholinesterase	Decrease	stated as s	NULL			0	Cholineste	ChE
Body Weight Gain	Decrease		NULL			0	Systemic	SysCarc
reactivity to handling	Increase	sound and	NULL			0	Systemic	SysCarc
soft stools	Increase		NULL			0	Systemic	SysCarc
Absolute	Increase	absolute w	NULL			0	Systemic	SysCarc
Relative to Body Weight	Increase	relative to	NULL			0	Systemic	SysCarc
Brain Cholinesterase	Decrease		NULL			0	Cholineste	ChE
Erythrocyte Cholinesterase	Decrease		NULL			0	Cholineste	ChE
Plasma Cholinesterase	Decrease	stated as s	NULL			0	Cholineste	ChE
Hematocrit (HCT)	Decrease		NULL			0	Systemic	SysCarc
Hemoglobin (HGB)	Decrease		NULL			0	Systemic	SysCarc
Leukocyte (WBC)	Increase		NULL			0	Systemic	SysCarc
Reticulocyte	Increase		NULL			0	Systemic	SysCarc
Hypertrophy	Increase		Hepatocyte			0	Systemic	SysCarc
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NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight Gain	Decrease		NULL			-1	Maternal	SysCarc
Postimplantation loss	Increase	not statisti	NULL			0	Maternal	DevRepro

Preimplantation loss	Increase	not statisti	NULL			0	Maternal	DevRepro	Reproduct
Preimplantation loss	Increase	not statisti	NULL			0	Maternal	DevRepro	Reproduct
Resorptions	Increase		NULL			0	Maternal	DevRepro	Reproduct
Short	Increase	rudimenta	Rib			-1	Developm	DevRepro	Developm
Short	Increase	rudimenta	Rib			-1	Developm	DevRepro	Developm
Fetal weight	Decrease		NULL			0	Maternal	SysCarc	OtherSyste
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
Body Weight Gain	Decrease		NULL			-1	Maternal	SysCarc	OtherSyste
Convulsions	Increase		NULL			-1	Maternal	SysCarc	OtherSyste
Tremors	Increase		NULL			-1	Maternal	SysCarc	OtherSyste
Congestion	Increase	congestior	NULL			0	Maternal	SysCarc	Pathology(
Erosion	Increase	erosion in	NULL			0	Maternal	SysCarc	Pathology(
Hemorrhage	Increase	hemorrhag	NULL			0	Maternal	SysCarc	Pathology(
Died Pregnant	Increase		NULL			-1	Maternal	SysCarc	OtherSyste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
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Body Weight Gain	Decrease	5-6%	NULL			-1	Parental	SysCarc	OtherSyste
Offspring (pup) We	Decrease		NULL			-1	Offspring	SysCarc	OtherSyste
Lactation index	Decrease		NULL			-1	Offspring	DevRepro	Reproduct
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	OtherSyste
Offspring (pup) We	Decrease		NULL			-1	Offspring	SysCarc	OtherSyste
Lactation index	Decrease		NULL			-1	Offspring	DevRepro	Reproduct
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	OtherSyste
Offspring (pup) We	Decrease		NULL			0	Offspring	SysCarc	OtherSyste
Litter size	Decrease		NULL			0	Reproduct	DevRepro	Reproduct
Lactation index	Decrease		NULL			0	Offspring	DevRepro	Reproduct
Viability index	Decrease		NULL			0	Offspring	DevRepro	Reproduct
Sex ratio (% male)	Increase	54.10%	NULL			-1	Reproduct	DevRepro	Reproduct
Fertility	Decrease		NULL			-1	Reproduct	DevRepro	Reproduct
Mating	Decrease		NULL			-1	Reproduct	DevRepro	Reproduct
Offspring (pup) We	Decrease		NULL			0	Offspring	SysCarc	OtherSyste
Litter size	Decrease		NULL			0	Reproduct	DevRepro	Reproduct

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 intervall	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 intervall	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
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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
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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	NULL
Plasma Cholinesterase:Decrease			NULL			-1	Systemic	SysCarc	OtherSystemic
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Brain CholinesterasDecrease	NULL					0CholinesteChE	Cholineste
Erythrocyte CholineDecrease	NULL					0CholinesteChE	Cholineste
Plasma Cholinester:Decrease	dose relat	NULL				0CholinesteChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Brain CholinesterasDecrease	NULL					0CholinesteChE	Cholineste
Erythrocyte CholineDecrease	NULL					0CholinesteChE	Cholineste
Plasma Cholinester:Decrease	dose relat	NULL				0CholinesteChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Brain CholinesterasDecrease	NULL					0CholinesteChE	Cholineste
Erythrocyte CholineDecrease	NULL					0CholinesteChE	Cholineste
Plasma Cholinester:Decrease	dose relat	NULL				0CholinesteChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Brain CholinesterasDecrease	NULL					0CholinesteChE	Cholineste
Erythrocyte CholineDecrease	NULL					0CholinesteChE	Cholineste
Plasma Cholinester:Decrease	dose relat	NULL				0CholinesteChE	Cholineste
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Brain CholinesterasDecrease	NULL					-1CholinesteChE	Cholineste
Erythrocyte CholineDecrease	NULL					-1CholinesteChE	Cholineste
Plasma Cholinester:Decrease	NULL					-1CholinesteChE	Cholineste
Plasma Cholinester:Decrease	NULL					-1CholinesteChE	Cholineste
Erythrocyte CholineDecrease	NULL					-1CholinesteChE	Cholineste
Plasma Cholinester:Decrease	NULL					-1CholinesteChE	Cholineste
Brain CholinesterasDecrease	NULL					0CholinesteChE	Cholineste
Erythrocyte CholineDecrease	NULL					0CholinesteChE	Cholineste
Plasma Cholinester:Decrease	NULL					0CholinesteChE	Cholineste
Offspring (pup) We Decrease	NULL					-1DevelopmDevRepro	OtherSyste
Offspring (pup) We Decrease	NULL					-1DevelopmDevRepro	OtherSyste
Brain CholinesterasDecrease	NULL					0CholinesteChE	Cholineste
Erythrocyte CholineDecrease	NULL					0CholinesteChE	Cholineste
Plasma Cholinester:Decrease	NULL					0CholinesteChE	Cholineste
Vaginal opening Decrease	NULL					-1DevelopmDevRepro	Developm
Offspring (pup) We Decrease	NULL					-1DevelopmDevRepro	OtherSyste

Offspring (pup) We	Decrease		NULL						-1	Developm	DevRepro	OtherSyste
Errors	Increase			0					0	Developm	DevRepro	Developm
Errors	Increase			0					0	Developm	DevRepro	Developm
Errors	Increase			0					0	Developm	DevRepro	Developm
Latency	Increase			0					0	Developm	DevRepro	Developm
Latency	Increase			0					0	Developm	DevRepro	Developm
Latency	Increase			0					0	Developm	DevRepro	Developm
Brain Cholinesteras	Decrease		NULL						0	Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL						0	Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL						0	Cholineste	ChE	Cholineste
Preputial separation	Decrease		NULL						-1	Developm	DevRepro	Developm
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
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Brain Cholinesteras	Decrease		NULL						0	Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL						0	Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL						-1	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
Brain Cholinesteras	Decrease		NULL						-1	Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL						-1	Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL						0	Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL						-1	Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL						-1	Cholineste	ChE	Cholineste
Body Weight Gain	Decrease	During lact	NULL						-1	Maternal	SysCarc	OtherSyste
Pupillary function (r	Decrease	Absence o	NULL						-1	Maternal	SysCarc	OtherSyste
Tremors	Increase	2 rats	NULL						-1	Maternal	SysCarc	OtherSyste
Brain Cholinesteras	Decrease		NULL						0	Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL						0	Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL						0	Cholineste	ChE	Cholineste
Offspring (pup) We	Decrease		NULL						-1	Developm	DevRepro	OtherSyste
Offspring (pup) We	Decrease		NULL						-1	Developm	DevRepro	OtherSyste
Surface righting ref	Decrease		NULL						0	Developm	DevRepro	Developm
Brain Cholinesteras	Decrease		NULL						-1	Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL						-1	Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL						0	Cholineste	ChE	Cholineste
Offspring (pup) We	Decrease		NULL						-1	Developm	DevRepro	OtherSyste
Offspring (pup) We	Decrease		NULL						-1	Developm	DevRepro	OtherSyste
Brain Cholinesteras	Decrease		NULL						-1	Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL						-1	Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL						0	Cholineste	ChE	Cholineste
[Not In List]	Increase	At 1000 m	NULL						0	Maternal	SysCarc	OtherSyste
Food Consumption	Decrease		NULL						0	Maternal	SysCarc	OtherSyste
Died	Increase	During 1st	NULL						0	Maternal	SysCarc	OtherSyste
Erythrocyte Choline	Decrease		NULL						0	Cholineste	ChE	Cholineste

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
Morbidity	Increase		NULL			0	Development SysCarc	OtherSyste
Tremors	Increase		NULL			0	Development DevRepro	Development
Brain Cholinesterase	Decrease		NULL			0	Cholineste ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0	Cholineste ChE	Cholineste
Plasma Cholinesterase	Decrease		NULL			0	Cholineste ChE	Cholineste
Morbidity	Increase		NULL			0	Development SysCarc	OtherSyste
Tremors	Increase		NULL			0	Development DevRepro	Development
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	Development SysCarc	OtherSyste
General Pallor	Increase		NULL			0	Development SysCarc	OtherSyste
Morbidity	Increase		NULL			0	Development SysCarc	OtherSyste
reduced activity	Increase		NULL			0	Development DevRepro	Development
Tremors	Increase	Forelimb &	NULL			0	Development DevRepro	Development
Mortality	Increase		NULL			0	Development SysCarc	OtherSyste
Body Cold to Touch	Increase		NULL			0	Development SysCarc	OtherSyste
General Pallor	Increase		NULL			0	Development SysCarc	OtherSyste
Morbidity	Increase		NULL			0	Development SysCarc	OtherSyste
reduced activity	Increase		NULL			0	Development DevRepro	Development
Tremors	Increase	Forelimb &	NULL			0	Development DevRepro	Development
Mortality	Increase		NULL			0	Development SysCarc	OtherSyste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
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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 Cholineste ChE	Cholineste
Erythrocyte CholineDecrease			NULL					-1 Cholineste ChE	Cholineste
Erythrocyte CholineDecrease			NULL					-1 Cholineste ChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
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Erythrocyte CholineDecrease			NULL					-1 Cholineste ChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte CholineDecrease			NULL					0 Cholineste ChE	Cholineste
Plasma Cholinester:Decrease			NULL					0 Cholineste ChE	Cholineste
Brain CholinesterasDecrease			NULL					0 Cholineste ChE	Cholineste
Erythrocyte CholineDecrease			NULL					0 Cholineste ChE	Cholineste
Plasma Cholinester:Decrease			NULL					0 Cholineste ChE	Cholineste
Erythrocyte CholineDecrease			NULL					0 Cholineste ChE	Cholineste
Plasma Cholinester:Decrease			NULL					0 Cholineste ChE	Cholineste
Brain CholinesterasDecrease			NULL					0 Cholineste ChE	Cholineste
Erythrocyte CholineDecrease			NULL					0 Cholineste ChE	Cholineste
Plasma Cholinester:Decrease			NULL					0 Cholineste ChE	Cholineste
Salivation	Increase	Post-dosin	NULL					0 Maternal SysCarc	OtherSyste
Erythrocyte CholineDecrease			NULL					0 Cholineste ChE	Cholineste
Salivation	Increase	Post-dosin	NULL					0 Maternal SysCarc	OtherSyste
Erythrocyte CholineDecrease			NULL					0 Cholineste ChE	Cholineste
Salivation	Increase	Post-dosin	NULL					0 Maternal SysCarc	OtherSyste
Erythrocyte CholineDecrease			NULL					0 Cholineste ChE	Cholineste
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Erythrocyte CholineDecrease			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
Brain CholinesterasDecrease			NULL					0 Cholineste ChE	Cholineste
Erythrocyte CholineDecrease			NULL					0 Cholineste ChE	Cholineste
Plasma Cholinester:Decrease			NULL					0 Cholineste ChE	Cholineste
Brain CholinesterasDecrease			NULL					0 Cholineste ChE	Cholineste
Erythrocyte CholineDecrease			NULL					0 Cholineste ChE	Cholineste
Plasma Cholinester:Decrease			NULL					0 Cholineste ChE	Cholineste
Brain CholinesterasDecrease			NULL					0 Cholineste ChE	Cholineste
Erythrocyte CholineDecrease			NULL					0 Cholineste ChE	Cholineste
Plasma Cholinester:Decrease			NULL					0 Cholineste ChE	Cholineste
Brain CholinesterasDecrease			NULL					0 Cholineste ChE	Cholineste
Erythrocyte CholineDecrease			NULL					0 Cholineste ChE	Cholineste
Plasma Cholinester:Decrease			NULL					0 Cholineste ChE	Cholineste
Erythrocyte CholineDecrease			NULL					-1 Cholineste ChE	Cholineste
Erythrocyte CholineDecrease			NULL					-1 Cholineste ChE	Cholineste
Plasma Cholinester:Decrease			NULL					-1 Cholineste ChE	Cholineste
Moribundity	Increase	1 pup (Sex	NULL					0 DevelopmSysCarc	OtherSyste
Tremors	Increase		NULL					0 DevelopmDevRepro	Developm
Brain CholinesterasDecrease			NULL					0 Cholineste ChE	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 Choline	Decrease	Only check	NULL			-1	Cholineste ChE	Cholineste
Plasma Cholinester:	Decrease	Only check	NULL			-1	Cholineste ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			-1	Cholineste ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			-1	Cholineste ChE	Cholineste
Erythrocyte Choline	Decrease	Only check	NULL			-1	Cholineste ChE	Cholineste
Plasma Cholinester:	Decrease	Only check	NULL			-1	Cholineste ChE	Cholineste
Erythrocyte Choline	Decrease		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 Choline	Decrease	Only check	NULL			0	Cholineste ChE	Cholineste
Plasma Cholinester:	Decrease	Only check	NULL			0	Cholineste ChE	Cholineste

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

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	Femur			0Systemic	NULL	NULL
Fibrous Osteodystr	Increase	decreased	Sternum			0Systemic	NULL	NULL
Mineralization	Increase		NULL			0Systemic	SysCarc	Pathologyf
Hypertrophy	Increase		Hepatocyte			0Systemic	SysCarc	Pathologyf
Erythrocyte Choline	Decrease	9 and 12 r	NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester	Decrease	9 and 12 r	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 Choline	Decrease	Checked in	NULL			0Cholineste	ChE	Cholineste
Plasma Cholinester	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 Choline	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 su	Bilateral			0Systemic	SysCarc	Pathologyf
Nephropathy	Increase	chronic	Bilateral			0Systemic	SysCarc	Pathologyf

Hyperplasia	Increase		NULL			0	Systemic	SysCarc	Pathologyf
Congestion	Increase		NULL			0	Systemic	SysCarc	Pathologyf
Edema	Increase		NULL			0	Systemic	SysCarc	Pathologyf
Hyperkeratosis	Increase		NULL			0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	squamous	NULL			0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	acute/ sub	NULL			0	Systemic	SysCarc	Pathologyf
Inflammation	Increase	chronic	NULL			0	Systemic	SysCarc	Pathologyf
Ulcer	Increase		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
Body Weight Gain	Decrease		NULL			0	Systemic	SysCarc	OtherSyste
Emaciation	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Mortality	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Absolute	Increase	Absolute w	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 w	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 w	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 w	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
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	Checked in	NULL			0	Systemic	SysCarc	OtherSyste
Irregular Surface	Increase		NULL			0	Systemic	SysCarc	Pathologyf
Leukemia	Increase	lymphoret	NULL			0	Systemic	SysCarc	Pathologyf
Vacuolization	Increase			0		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
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	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 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
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 w	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 w	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 w	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	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 I	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 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
Erythrocyte (RBC)	Decrease		NULL	0	Systemic	SysCarc	OtherSyste
Leukocyte (WBC)	Increase		NULL	0	Systemic	SysCarc	OtherSyste
Degeneration	Increase		0	0	Systemic	SysCarc	Pathologyf
Nephropathy	Increase	Subacute/i	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	OtherSyste
anogenital staining	Increase		NULL	0	Systemic	SysCarc	OtherSyste
Emaciation	Increase		NULL	0	Systemic	SysCarc	OtherSyste
Mortality	Increase		NULL	0	Systemic	SysCarc	OtherSyste
Absolute	Increase	Absolute w	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 w	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 w	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
Aspartate aminotra	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
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	Checked in	NULL	0	Systemic	SysCarc	OtherSyste

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
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
Degeneration	Increase			0	0	Systemic	SysCarc
Dilatation	Increase	dilated gla		0	0	Systemic	SysCarc
Dilatation	Increase	dilated gla		0	0	Systemic	SysCarc
Hyperplasia	Increase			0	0	Systemic	SysCarc
Hyperplasia	Increase			0	0	Systemic	SysCarc
Hyperplasia	Increase			0	0	Systemic	SysCarc
Inflammation	Increase	subacute/		0	0	Systemic	SysCarc
Inflammation	Increase	subacute/		0	0	Systemic	SysCarc
[Not In List]	Increase	replaceme		0	0	Systemic	SysCarc
Hyperplasia	Increase		NULL	0	0	Systemic	SysCarc
Congestion	Increase		NULL	0	0	Systemic	SysCarc
Atrophy	Increase		Lymphoid Follicle	0	0	Systemic	SysCarc
Depletion	Increase		Lymphoid Follicle	0	0	Systemic	SysCarc
Congestion	Increase		Forestomach	0	0	Systemic	SysCarc
Edema	Increase		Forestomach	0	0	Systemic	SysCarc
Hyperkeratosis	Increase		Forestomach	0	0	Systemic	SysCarc
Hyperplasia	Increase	Basal Cell I	Forestomach	0	0	Systemic	SysCarc
Hyperplasia	Increase	squamous	Forestomach	0	0	Systemic	SysCarc
Inflammation	Increase	acute/ sub	Forestomach	0	0	Systemic	SysCarc
Inflammation	Increase	chronic	Forestomach	0	0	Systemic	SysCarc
Ulcer	Increase		Forestomach	0	0	Systemic	SysCarc
Congestion	Increase		NULL	0	0	Systemic	SysCarc
Cyst	Increase		Follicular Cell	0	0	Systemic	SysCarc
Absolute	Increase	Absolute w	NULL	0	0	Systemic	SysCarc
							OrganWeig

Relative to Body Weight	Increase	Relative w/	NULL	0	Systemic	SysCarc	OrganWeight
Absolute	Increase	Absolute w/	NULL	0	Systemic	SysCarc	OrganWeight
Relative to Body Weight	Increase	Relative w/	NULL	0	Systemic	SysCarc	OrganWeight
Leukocyte (WBC)	Increase		NULL	0	Systemic	SysCarc	OtherSystemic
Nephropathy	Increase	Subacute/	NULL	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase	plasma cel	Mesenteric	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
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	Pathologyf
Erythrocyte Choline	Decrease		NULL	0	Cholineste	ChE	Cholineste
Hyperplasia	Increase		NULL	0	Systemic	SysCarc	Pathologyf
Mortality	Increase		NULL	0	Systemic	SysCarc	OtherSystemic
Plasma Cholinesterase	Decrease		NULL	-1	Cholineste	ChE	Cholineste
Lesion(s) (NOS)	Increase	Not specific	NULL	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specific	NULL	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specific	NULL	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specific	NULL	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specific	NULL	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		NULL	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specific	NULL	0	Systemic	SysCarc	Pathologyf
Lesion(s) (NOS)	Increase	Not specific	NULL	0	Systemic	SysCarc	Pathologyf
Erythrocyte Choline	Decrease		NULL	-1	Cholineste	ChE	Cholineste
Inflammation	Increase	Subacute-	Bilateral	0	Systemic	SysCarc	Pathologyf
Nephropathy	Increase	Chronic	Bilateral	0	Systemic	SysCarc	Pathologyf
Hyperplasia	Increase		NULL	0	Systemic	SysCarc	Pathologyf
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	Cholineste	ChE	Cholineste
Cholesterol	Increase		NULL	0	Systemic	SysCarc	OtherSystemic
Erythrocyte Choline	Decrease		NULL	0	Cholineste	ChE	Cholineste
Gamma glutamyl transferase	Increase		NULL	0	Systemic	SysCarc	OtherSystemic
Plasma Cholinesterase	Decrease		NULL	0	Cholineste	ChE	Cholineste

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	Subactute-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
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	Subactute-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-boc	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	Hypoactivi	NULL			0	Developm	DevRepro	Developm
Tremors	Increase	Whole-bo	NULL			0	Developm	DevRepro	Developm
Thickness	Increase		Corpus Callosum			0	Developm	DevRepro	Developm
Dilatation	Increase	PND 63-67	Cortex			0	Developm	DevRepro	Pathologyf
Hydronephrosis	Increase	PND 63-67	NULL			0	Developm	DevRepro	Pathologyf
Vacuolization	Increase	PND 63-67	Cortex			0	Developm	DevRepro	Pathologyf
Amplitude	Increase	PND 23/24	Auditory			0	Developm	DevRepro	Developm
Habituation	Decrease	PND 60/61	Auditory			0	Developm	DevRepro	Developm
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
Erythrocyte Choline	Decrease		NULL			0	Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0	Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0	Cholineste	ChE	Cholineste
Erythrocyte Choline	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
Plasma Cholinester:	Decrease		NULL			0	Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0	Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0	Cholineste	ChE	Cholineste
Body Weight	Decrease		NULL			0	Maternal	SysCarc	OtherSyste
Abnormal Gait	Increase		NULL			0	Maternal	SysCarc	OtherSyste
Moribundity	Increase		NULL			0	Maternal	SysCarc	OtherSyste
prostration	Increase		NULL			0	Maternal	SysCarc	OtherSyste
Salivation	Increase	Post-dosin	NULL			0	Maternal	SysCarc	OtherSyste
Tremors	Increase		NULL			0	Maternal	SysCarc	OtherSyste
Food Consumption	Decrease		NULL			0	Maternal	SysCarc	OtherSyste
Died	Increase		NULL			0	Maternal	SysCarc	OtherSyste
Body Weight	Decrease		NULL			0	Maternal	SysCarc	OtherSyste
Abnormal Gait	Increase		NULL			0	Maternal	SysCarc	OtherSyste
Moribundity	Increase		NULL			0	Maternal	SysCarc	OtherSyste
prostration	Increase		NULL			0	Maternal	SysCarc	OtherSyste
Salivation	Increase	Post-dosin	NULL			0	Maternal	SysCarc	OtherSyste
Tremors	Increase		NULL			0	Maternal	SysCarc	OtherSyste
Food Consumption	Decrease		NULL			0	Maternal	SysCarc	OtherSyste
Brain Cholinesteras	Decrease		NULL			0	Cholineste	ChE	Cholineste
Erythrocyte Choline	Decrease		NULL			0	Cholineste	ChE	Cholineste
Plasma Cholinester:	Decrease		NULL			0	Cholineste	ChE	Cholineste
Died	Increase		NULL			0	Maternal	SysCarc	OtherSyste
Erythrocyte Choline	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

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

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

[Not In List]	Increase	decreased	NULL			0	Systemic	SysCarc	Pathologyf
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
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 avoid	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
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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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
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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

Relative to Body W	Increase		NULL			0	Systemic	DevRepro	OrganWeig
Basophilia	Increase	combined		0		-1	Systemic	SysCarc	Pathologyf
Hypertrophy	Increase	combined		0		-1	Systemic	SysCarc	Pathologyf
Body Weight	Decrease		NULL			-1	Systemic	SysCarc	OtherSyste
Absolute	Increase		NULL			0	Systemic	DevRepro	OrganWeig
Relative to Body W	Increase		NULL			0	Systemic	DevRepro	OrganWeig
[Not In List]	Increase	chronic int	Interstitial Cell			-1	Systemic	SysCarc	Pathologyf
Hypertrophy	Increase			0		-1	Systemic	SysCarc	Pathologyf
Necrosis	Increase			0		-1	Systemic	SysCarc	Pathologyf
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Inflammation	Increase	inflammati	Mucosa			-1	Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Absolute	Increase		NULL			0	Systemic	SysCarc	OrganWeig
Relative to Body W	Increase		NULL			0	Systemic	SysCarc	OrganWeig
Relative to Brain W	Increase		NULL			0	Systemic	SysCarc	OrganWeig
pH	Decrease		NULL			0	Systemic	SysCarc	OtherSyste
Specific gravity/osn	Increase		NULL			0	Systemic	SysCarc	OtherSyste
Cataract	Increase		Lens			0	Systemic	SysCarc	Pathologyf
Degeneration	Increase		Lens			0	Systemic	SysCarc	Pathologyf
Atrophy	Increase	pancreatic	Acinar Cell			0	Systemic	SysCarc	Pathologyf
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Body Weight	Decrease		NULL			0	Systemic	SysCarc	OtherSyste
Body Weight Gain	Decrease		NULL			0	Systemic	SysCarc	OtherSyste
Inflammation	Increase	inflammati	Mucosa			0	Systemic	SysCarc	Pathologyf
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endpoint_endpoint_class_5

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NULL NULL NULL

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

NULL NULL NULL

InLifeObseBodyWeigladult

Reproduct Postimplar pregnancy

Reproduct Pregnancy pregnancy
Reproduct Preimplant pregnancy
Reproduct Resorption pregnancy
Skeletal Appendicufetal
Skeletal Axial fetal
InLifeObseBodyWeigladult
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InLifeObseClinicalSigradult
InLifeObseClinicalSigradult
PrimaryDigStomach adult
PrimaryDigStomach adult
PrimaryDigStomach adult
InLifeObseMortality adult
NULL NULL NULL
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InLifeObseBodyWeigljuvenile
OffspringSLactationirjuvenile
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OffspringSLittersize pregnancy
OffspringSLactationirjuvenile
OffspringSViabilityincjuvenile
Reproduct Sexratio pregnancy
Reproduct Fertility pregnancy
Reproduct Mating pregnancy
InLifeObseBodyWeigljuvenile
OffspringSLittersize pregnancy

OffspringS Lactationir juvenile
OffspringS Viabilityinc juvenile
InLifeObse ClinicalSigr adult
InLifeObse Mortality adult
Reproduct Gestationapregnancy
InLifeObse ClinicalSigr adult
InLifeObse BodyWeigl adult
InLifeObse BodyWeigl juvenile
OffspringS Lactationir juvenile
OffspringS Viabilityinc juvenile
Reproduct Fertility pregnancy
Reproduct Gestationapregnancy
Reproduct Mating pregnancy
InLifeObse BodyWeigl juvenile
OffspringS Littersize pregnancy
OffspringS Lactationir juvenile
OffspringS Viabilityinc juvenile
NULL NULL NULL
Respirator Lung adult
Cholineste Cholineste adult
Respirator Lung adult
Cholineste Cholineste adult

Cholineste Cholineste adult
InLifeObseFoodConst adult
RespiratorLung adult
RespiratorLung adult
Accessory[Salivarygla adult
Accessory[Salivarygla adult
Cholineste Cholineste adult
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Cholineste Cholineste adult
Pathology(ClinicalCheadult
InLifeObseBodyWeigladult
InLifeObseBodyWeigladult
InLifeObseFoodConst adult
Cholineste Cholineste adult
Cholineste Cholineste adult
Cholineste Cholineste adult
Pathology(ClinicalCheadult
InLifeObseBodyWeigladult
InLifeObseBodyWeigladult
InLifeObseClinicalSigr adult
InLifeObseClinicalSigr adult
InLifeObseFoodConst adult
Cholineste Cholineste adult
Cholineste Cholineste adult
Cholineste Cholineste adult
Pathology(ClinicalCheadult
InLifeObseBodyWeigladult
InLifeObseBodyWeigladult
InLifeObseFoodConst adult
RespiratorLung adult
RespiratorLung adult
Accessory[Salivarygla adult
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Pathology(ClinicalCheadult
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Pathology(ClinicalCheadult
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SexualDevVaginalopejuvenile
InLifeObseBodyWeigladult

InLifeObseBodyWeigladult
LearningarLearning juvenile
LearningarMemory juvenile
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InLifeObseBodyWeigladult
Motor MotorActi;juvenile
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InLifeObseFoodConsladult
InLifeObseMortality adult
CholinesteCholineste adult

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InLifeObseClinicalSigr juvenile
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InLifeObseClinicalSigr juvenile
Cholineste Cholineste adult

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Cholineste Cholineste adult
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Accessory[Liver adult
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InLifeObseFoodConstadult
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InLifeObseFoodConstadult
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Urinary Kidney adult
Accessory[Liver adult
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InLifeObseFoodConstadult
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Accessory[Liver adult
Accessory[Liver adult
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Endocrine AdrenalGlaadult
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Urinary Kidney adult
Accessory[Liver adult
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Endocrine Parathyroi adult
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Lymphatic LymphNodadult
Endocrine Parathyroi adult
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NULL NULL NULL
InLifeObseMortality adult
CholinesteCholineste adult
CholinesteCholineste adult
Urinary Kidney adult
Lymphatic LymphNodadult
Endocrine ThyroidGlaadult
Skeletal BoneMarradult
Skeletal BoneMarradult
Nervous Brain adult
IntegumenEye adult
IntegumenHarderianadult
CardiovascHeart adult
IntegumenLacrimalGl adult
Lymphatic LymphNodadult
Lymphatic LymphNodadult
Accessory[Pancreas adult
Endocrine Parathyroi adult
Endocrine ThyroidGlaadult
NULL NULL NULL
NULL NULL NULL
NULL NULL NULL
CholinesteCholineste adult
Lymphatic LymphNodadult
Urinary Kidney adult
Urinary Kidney adult
Urinary Kidney adult

Endocrine Parathyroi adult
PrimaryDigStomach adult
NULL NULL NULL
NULL NULL NULL
NULL NULL NULL
InLifeObseBodyWeigladult
InLifeObseClinicalSigradult
InLifeObseMortality adult
CardiovascHeart adult
CardiovascHeart adult
CardiovascHeart adult
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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CholinesteCholineste adult
Pathology(ClinicalCheadult
CholinesteCholineste adult
Pathology(Hematologadult
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Urinary Kidney adult
Lymphatic LymphNodadult
Endocrine AdrenalGladult
Skeletal BoneMarradult
Skeletal BoneMarradult
Nervous Brain adult
IntegumenEye adult
IntegumenEye adult

IntegumenHarderian(adult
CardiovascHeart adult
Urinary Kidney adult
Urinary Kidney adult
Urinary Kidney adult
IntegumenLacrimalGl adult
Accessory[Liver adult
Accessory[Liver adult
RespiratorLung adult
RespiratorLung adult
Lymphatic LymphNodadult
Lymphatic LymphNodadult
IntegumenNose adult
Accessory[Pancreas adult
Endocrine Parathyroiadult
Endocrine PituitaryGladult
Lymphatic Spleen adult
Lymphatic Spleen adult
PrimaryDigStomach adult
Endocrine ThyroidGlaadult
NULL NULL NULL
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
IntegumenNose adult
IntegumenNose adult
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NULL NULL NULL
InLifeObseBodyWeigladult
InLifeObseClinicalSigradult
Urinary Kidney adult
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Accessory[Liver adult
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Endocrine ThyroidGlaadult
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Pathology(ClinicalCheadult
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Accessory[Liver adult
Endocrine PituitaryGladult
Skeletal BoneMarradult
Skeletal BoneMarradult
IntegumenHarderianadult
CardiovascHeart adult
Urinary Kidney adult
Urinary Kidney adult
Urinary Kidney adult
IntegumenLacrimonalGl adult
RespiratorLung adult
IntegumenNose adult
IntegumenNose adult
IntegumenNose adult

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

Skeletal BoneMarradult
Nervous Brain adult
IntegumenEye adult
IntegumenEye adult
IntegumenHarderianadult
CardiovascHeart adult
Urinary Kidney adult
Urinary Kidney adult
Urinary Kidney adult
IntegumenLacrimaGl adult
Accessory[Liver adult
Accessory[Liver adult
RespiratorLung adult
RespiratorLung adult
Lymphatic LymphNodadult
Lymphatic LymphNodadult
IntegumenNose adult
Accessory[Pancreas adult
Endocrine Parathyroiadult
Endocrine PituitaryGladult
Lymphatic Spleen adult
Lymphatic Spleen adult
PrimaryDigStomach adult
Endocrine ThyroidGlaadult
Endocrine ThyroidGlaadult
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NULL NULL NULL
Urinary Kidney adult
Urinary Kidney adult
Accessory[Liver adult

Accessory[Liver adult
Endocrine Parathyroi adult
Endocrine Parathyroi adult
Lymphatic Spleen adult
Lymphatic Spleen adult
Endocrine ThyroidGla adult
Endocrine ThyroidGla adult
Pathology(Hematolog adult
Pathology(Hematolog adult
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
InLifeObseBodyWeigl adult
InLifeObseClinicalSigr adult
InLifeObseClinicalSigr adult
InLifeObseMortality adult
Urinary Kidney adult
Urinary Kidney adult
Urinary Kidney adult
Accessory[Liver adult
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Pathology(Hematologadult
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Nervous Brain adult
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IntegumenEye adult
IntegumenHarderianadult
CardiovascHeart adult
Urinary Kidney adult
Urinary Kidney adult
Urinary Kidney adult
IntegumenLacrimalGl adult
Accessory[Liver adult
Accessory[Liver adult
RespiratorLung adult
Lymphatic LymphNodadult
Lymphatic LymphNodadult
IntegumenNose adult
Endocrine Parathyroiadult
Endocrine PituitaryGladult
Lymphatic Spleen adult
Lymphatic Spleen adult
PrimaryDigStomach adult
Endocrine ThyroidGlaadult
Endocrine ThyroidGlaadult
Urinary Kidney adult

Urinary Kidney adult
Accessory[Liver adult
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Pathology(Hematologadult
Urinary Kidney adult
Lymphatic LymphNodadult
IntegumenNose adult
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InLifeObseFoodConstadult
Endocrine Parathyroiadult
CholinesteCholineste adult
Endocrine Parathyroiadult
InLifeObseMortality adult
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Endocrine AdrenalGladult
IntegumenEye adult
Accessory[Liver adult
RespiratorLung adult
Lymphatic LymphNodadult
Endocrine Parathyroiadult
Lymphatic Spleen adult
Endocrine ThyroidGladult
CholinesteCholineste adult
Urinary Kidney adult
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Endocrine Parathyroiadult
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InLifeObseFoodConstadult
InLifeObseMortality adult
CardiovascHeart adult
Urinary Kidney adult
Accessory[Liver adult
Endocrine Parathyroiadult
Lymphatic Spleen adult
Endocrine ThyroidGladult
Pathology(ClinicalCheadult
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Pathology(Hematologadult
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Endocrine AdrenalGlaadult
IntegumenEye adult
Urinary Kidney adult
Urinary Kidney adult
Accessory[Liver adult
Respirator\Lung adult
Lymphatic LymphNodadult
IntegumenNose adult
Endocrine Parathyroiadult
Respirator\Pharynx adult
Lymphatic Spleen adult
PrimaryDigStomach adult
Endocrine ThyroidGlaadult
InLifeObseBodyWeigladult
InLifeObseFoodConstadult
Urinary Kidney adult
Accessory[Liver adult
Endocrine Parathyroiadult
Endocrine ThyroidGlaadult
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IntegumenEye adult
Urinary Kidney adult
Urinary Kidney adult
Accessory[Liver adult
Respirator\Lung adult
Lymphatic LymphNodadult
IntegumenNose adult
Endocrine Parathyroiadult
Respirator\Pharynx 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
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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
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CholinesteCholineste 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
Accessory[Liver adult
RespiratorLung adult
Lymphatic LymphNodadult
IntegumenNose adult
Endocrine Parathyroiadult
RespiratorPharynx adult
Lymphatic Spleen adult
PrimaryDigStomach adult
Endocrine ThyroidGlaadult
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 MotorActijjuvenile
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
NULL NULL NULL
CholinesteCholineste adult
CholinesteCholineste adult
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InLifeObseBodyWeigladult
InLifeObseClinicalSigradult
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InLifeObseClinicalSigradult
InLifeObseFoodConstadult
InLifeObseMortality adult
InLifeObseBodyWeigladult
InLifeObseClinicalSigradult
InLifeObseClinicalSigradult
InLifeObseClinicalSigradult
InLifeObseClinicalSigradult
InLifeObseClinicalSigradult
InLifeObseFoodConstadult
CholinesteCholineste adult
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CholinesteCholineste adult
InLifeObseMortality adult
CholinesteCholineste adult
NULL NULL NULL
NULL NULL NULL

InLifeObseClinicalSigr adult
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Cholineste Cholineste adult
InLifeObseBodyWeigl adult
InLifeObseClinicalSigr adult
InLifeObseFoodConst adult
Cholineste Cholineste adult
Cholineste Cholineste adult
Cholineste Cholineste adult
InLifeObseMortality adult
InLifeObseBodyWeigl adult
InLifeObseBodyWeigl adult
InLifeObseClinicalSigr adult
NULL NULL NULL
Cholineste Cholineste adult
Cholineste Cholineste adult
InLifeObseBodyWeigl adult
InLifeObseMortality adult
Cholineste Cholineste adult

Cholineste Cholineste adult
Pathology(Other adult
Cholineste Cholineste adult
Pathology(Other adult
NULL NULL NULL
Cholineste Cholineste adult
NULL NULL NULL
NULL NULL NULL
InLifeObseBodyWeigladult
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
NULL NULL NULL
NULL NULL NULL
Cholineste Cholineste adult
Cholineste Cholineste adult

NULL NULL NULL

NULL NULL NULL

NULL NULL NULL

NULL	NULL	NULL
IntegumenEye		adult
Other	Uncertain	adult
Respirator	Lung	adult
NULL	NULL	NULL
NULL	NULL	NULL
Cholineste	Cholineste	adult
Cholineste	Cholineste	adult
NULL	NULL	NULL

InLifeObseClinicalSigr adult
Nervous Nerve adult
Nervous Nerve adult
Nervous Nerve adult
NULL NULL NULL
Cholineste Cholineste adult
Cholineste Cholineste adult
IntegumenEye adult
NULL NULL NULL
NULL NULL NULL
Cholineste Cholineste adult
Cholineste Cholineste adult
IntegumenEye adult
NULL NULL NULL
NULL NULL NULL
InLifeObseBodyWeigl adult
InLifeObseClinicalSigr adult
InLifeObseClinicalSigr adult
InLifeObseClinicalSigr adult
InLifeObseClinicalSigr adult
Cholineste Cholineste adult
Cholineste Cholineste adult
Cholineste Cholineste adult
IntegumenEye adult
IntegumenEye adult
NULL NULL NULL
NULL NULL NULL
InLifeObseBodyWeigl adult
InLifeObseClinicalSigr adult
InLifeObseClinicalSigr adult
InLifeObseClinicalSigr adult
InLifeObseClinicalSigr adult
InLifeObseMortality adult
Pathology(ClinicalChe adult
Cholineste Cholineste adult
Cholineste Cholineste adult
Cholineste Cholineste adult
IntegumenEye adult
IntegumenEye adult
IntegumenEye adult

IntegumenEye adult
 NULL NULL NULL
 InLifeObseBodyWeigladult
 Motor Locomotiojuvenile
 Pathology(ClinicalCheadult
 Nervous Brain fetal
 InLifeObseBodyWeigladult
 NULL NULL NULL
 InLifeObseClinicalSigrjuvenile
 Motor Locomotiojuvenile
 Pathology(ClinicalCheadult
 Nervous Brain fetal
 SensorimoReflexes juvenile
 SensorimoReflexes juvenile
 SensorimoReflexes juvenile
 LearningarLearning juvenile
 LearningarMemory juvenile
 LearningarUnknown juvenile
 LearningarMemory juvenile
 LearningarUnknown juvenile
 SensorimoReflexes juvenile
 LearningarLearning juvenile
 LearningarMemory juvenile
 LearningarUnknown juvenile
 LearningarMemory juvenile
 LearningarUnknown juvenile
 SensorimoReflexes juvenile
 InLifeObseBodyWeigladult
 InLifeObseClinicalSigradult
 Accessory[Liver adult
 Endocrine ThyroidGlaadult
 Endocrine ThyroidGlaadult
 InLifeObseBodyWeigladult
 Endocrine ThyroidGlaadult
 Endocrine ThyroidGlaadult
 InLifeObseBodyWeigladult
 InLifeObseClinicalSigradult
 Accessory[Liver adult

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

NULL	NULL	NULL
Urinary	Kidney	juvenile
NULL	NULL	NULL

NULL NULL NULL
InLifeObseBodyWeigladult
InLifeObseClinicalSigradult
InLifeObseBodyWeigladult
InLifeObseClinicalSigradult
InLifeObseBodyWeigladult
InLifeObseBodyWeigljuvenile
InLifeObseBodyWeigljuvenile
InLifeObseClinicalSigradult
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InLifeObseBodyWeigljuvenile
InLifeObseClinicalSigradult
InLifeObseBodyWeigljuvenile
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InLifeObseBodyWeigljuvenile
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InLifeObseBodyWeigljuvenile
NULL NULL NULL
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
NULL	NULL	NULL
PrimaryDigStomach		adult
NULL	NULL	NULL
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
NULL	NULL	NULL

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