

<b>Study Factor</b>	<b>Level</b>	<b>Count</b>	<b>Fraction</b>
<b>Array Type</b>	RAE230 2.0	117	0.24
	RAE230A	212	0.44
	RGU34A	154	0.32
	<i>Total</i>	483	1
<b>Sex</b>	F	98	0.20
	M	385	0.80
	<i>Total</i>	483	1
<b>Rat strain</b>	F344/N	23	0.05
	Sprague-Dawley	261	0.54
	Wistar	199	0.41
	<i>Total</i>	483	1
<b>Animal supplier</b>	Charles River	367	0.80
	Harlan	66	0.14
	Harlan Netherlands	11	0.02
	M&B A/S, Denmark	5	0.01
	Taconic Farms	12	0.03
	<i>Total</i>	461	1
<b># of rats per cage</b>	1	254	0.57
	2	22	0.05
	3	3	0.01
	4	82	0.18
	5	84	0.19
	<i>Total</i>	445	1
<b>Binned Age</b>	< 6 wks	9	0.02
	6-7 wks	27	0.06
	7-8 wks	38	0.08
	8-11 wks	90	0.19
	10-12 wks	197	0.41
	> 12 wks	122	0.25
	<i>Total</i>	483	1
<b>Diet</b>	NTP 2000	12	0.02
	3883 (Provimi Kliba)	25	0.05
	3893 (Provimi Kliba)	68	0.14
	5002 (Purina)	270	0.56
	7012C (Harlan-Teklad)	68	0.14
	8728C (Harlan-Teklad)	5	0.01
	9433 (Nafag)	18	0.04
	R&M No 1	12	0.02
	Harlan	5	0.01
	<i>Total</i>	483	1
	<b>Diet Availability</b>	ad lib	366
restricted		16	0.04
<i>Total</i>		382	1
<b>Vehicle</b>	acetone	10	0.02
	oil	45	0.09

PEG400	17	0.04
Polysaccharide*	285	0.59
PS80	16	0.03
saline	37	0.08
untreated	25	0.05
water	48	0.10
<i>Total</i>	483	1

*\*Includes acacia, CMC, HPMC, MC, natrosol, and ora\_plus*

<b>Vehicle Route</b>	feed	10	0.02
	gavage	337	0.70
	IM	6	0.01
	IP	21	0.04
	IV	10	0.02
	None	23	0.05
	PO	73	0.15
	SC	3	0.01
	<i>Total</i>	483	1

<b>Frequency of Dosing</b>	untreated	35	0.07
	once daily	423	0.88
	twice daily	25	0.05
	<i>Total</i>	483	1

<b>Dose Volume (ml/kg)</b>	0.2	6	0.02
	1	9	0.02
	2	3	0.01
	3	17	0.04
	5	201	0.51
	10	158	0.40
	<i>Total</i>	394	1

<b>Duration of dosing</b>	<1 d	33	0.07
	1 d	108	0.22
	3 d	36	0.07
	4 d	54	0.11
	5-6 d	25	0.05
	7-8 d	46	0.10
	14 d	48	0.10
	28 d	24	0.05
	30-31 d	63	0.13
	90-91 d	46	0.10
	<i>Total</i>	483	1

<b>Blood collection during in life study?</b>	NO	395	0.85
	YES	72	0.15
	<i>Total</i>	467	1

<b>Sacrifice method</b>	Anesthetic OD	32	0.07
	Cervical dislocation	12	0.02
	CO2 exposure	205	0.42
	Decapitation	70	0.14
	Exsanguinated	84	0.17

	Pentobarbital	80	0.17
	<i>Total</i>	483	1
<b>Fasted prior to sacrifice?</b>	NO	276	0.57
	YES	207	0.43
	<i>Total</i>	483	1
<b>Anesthetic use</b>	NO	186	0.39
	YES	297	0.61
	<i>Total</i>	483	1
<b>Interval between last dose and sacrifice (hrs)</b>	0	10	0.02
	3-6 h	74	0.16
	12	5	0.01
	24	346	0.77
	48	10	0.02
	168	4	0.01
	<i>Total</i>	449	1
<b>Time of day of Sacrifice</b>	AM	366	0.93
	PM	28	0.07
	<i>Total</i>	394	1
<b>Exsanguinated?</b>	NO	19	0.05
	YES	396	0.95
	<i>Total</i>	415	1
<b>Organ Sampled</b>	KIDNEY	124	0.26
	LIVER	359	0.74
	<i>Total</i>	483	1
<b>Organ Section</b>	edge of left lobe	21	0.04
	kidney cortex	16	0.03
	kidney medulla	16	0.03
	left & median lobes	12	0.03
	left lateral lobe	5	0.01
	left lobe	76	0.16
	left median lobe	69	0.14
	random	15	0.03
	right lateral lobe	4	0.01
	right median lobe	88	0.18
	whole kidney	92	0.19
	whole liver	64	0.13
	<i>Total</i>	478	1
<b>Method of Sample Preservation</b>	RNALater	39	0.08
	Snap Freeze	415	0.86
	Other	29	0.06
	<i>Total</i>	483	1
<b>RNA extraction protocol</b>	Qiagen RNeasy Kit	379	0.92
	Triazole	31	0.08
	<i>Total</i>	410	1
<b>Quality metrics</b>	260/280 nm	234	0.62
	28s/18s rRNA	119	0.32
	Both	24	0.06
	<i>Total</i>	377	1
<b>Sample prep protocol</b>	ENZO Kit	355	0.87
	IVT Labeling Kit	53	0.13
	<i>Total</i>	408	1