

**Supplementary Table S8. Animal #3 (non-tolerized group) clinical chemistry panels.**

<b>AAV8.TBG.hFIX (IV) at birth; AAV9.CB7.hIDUA (intrathecal) at 4 weeks</b>															
<b>#3 (M)</b>		Birth	4 weeks	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	1 year 2 months	2 years 4 months	3 years 4 months	3 years 9 months
<b>Na</b>	mmol/L	142	146	148	143	143	142	146	141	143	143	146	149	149	146
<b>K</b>	mmol/L	5.0	4.7	5.2	4.6	3.1	3.5	3.3	3.9	3.4	3.4	3.3	3.5	4.1	3.8
<b>Cl</b>	mmol/L	109	112	110	108	109	108	110	109	106	107	109	106	111	108
<b>Total CO2</b>	mEq/L	21	21	15	15	21	22	23	21	19	16	21	15	22	25
<b>anion Gap</b>	mEq/L	17	18	28	25	16	16	16	15	21	23	19	32	20	17
<b>P</b>	mg/dL	6.8	7.5	8.0	6.4	4.5	6.1	5.0	4.9	5.7	8.2	6.1	5.4	6.3	6.2
<b>Ca</b>	mg/dL	9.9	9.7	10.1	9.6	9.9	9.7	9.8	9.6	10.1	9.2	9.4	9.9	9.7	9.7
<b>BUN</b>	mg/dL	12	3*	23	13	14	6	11	15	23	40	21	24	23	19
<b>Crea</b>	mg/dL	0.6	0.2	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6
<b>Gluc</b>	mg/dL	34	77	22	47	78	82	72	73	76	54	78	83	60	67
<b>TPro</b>	g/dL	5.0	4.9	5.7	5.5	5.6	5.3	5.4	5.9	6.4	6.2	6.0	6.5	6.3	6.0
<b>Alb</b>	g/dL	3.5	2.8	3.8	3.9	3.5	3.7	3.7	4.0	4.2	4.4	4.0	4.1	4.0	3.9
<b>ALT</b>	U/L	5	11	15	13	14	15	14	23	20	20	26	30	27	21
<b>AST</b>	U/L	13	18	26	26	24	23	22	41	30	44	29	30	30	22
<b>CPK</b>	U/L	31	181	202	579	209	245	210	533	377	369	382	448	461	390
<b>ALK</b>	U/L	395	1132	1559	1612	1564	1699	1360	1430	1115	1226	835	474	746	837
<b>GGT</b>	U/L	59	117	111	104	89	105	94	82	80	83	77	67	76	72
<b>LDH</b>	U/L	227	298	395	367	333	329	317	564	370	470	302	274	282	320
<b>Chol</b>	mg/dL	50	120	119	118	103	113	105	120	137	151	142	156	134	115
<b>Tri</b>	mg/dL	24	43	75	80	97	88	60	43	81	57	54	81	80	75
<b>Tbil</b>	mg/dL	0.6	0.2	0.2	0.3	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.1
<b>DirBil</b>	mg/dL	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Na=Sodium; K=Potassium; Cl=Chloride; P=Phosphorus; BUN=Blood Urea Nitrogen; Crea=Creatinine; Gluc=Glucose; TP=Total Protein; Alb=Albumin; ALT=Alanine aminotransferase; AST=Aspartate aminotransferase; CPK=Creatine phosphokinase; ALK=Alkaline phosphatase; GGT=Gamma-glutamyl transferase; LDH=lactate dehydrogenase; Chol=cholesterol; Tri=triglycerides; Tbil=Total bilirubin; DirBil=Direct bilirubin