

S3 Table. Effect of XRP44X treatment on whole blood indicators. TRAMP mice were treated for 6 days per week with XRP44X (1 mg/kg) from 15 to 29 weeks of age. Blood was taken 4-5 days before the end of the treatment from periorbital sinus and analysed on the same day. The animals were not treated 36 hours before the blood sampling. The table shows averages from raw values, their standard deviations and Student's t-test (vehicle n=9, XRP44X n=10, all wild type). Abbreviations: WBC - white blood cells, RBC - red blood cells, HGB - haemoglobin, HCT - haematocrit, MCV - mean corpuscular volume, MCH - mean corpuscular haemoglobin, MCHC - mean corpuscular haemoglobin concentration, NEUTRO - neutrophils, LYMPHO - lymphocytes, MONO - monocytes, EOSINO - eosinophils, LUC - large unstained cells, BASO - basophils, PLT - platelets, MPV - mean platelet volume, st. dev. – standard deviation, T-TEST – Student's t-test. Whole blood and serum analyses were performed by the ICS metabolic exploration platform (References: IP00005077, IP0000004829, IP0000004857, IP0000004895, IP0000004915, IP0000004949, IP0000005011).

	WBC	RBC	HGB	HCT	MCV	MCH	MCHC
	x10E03 cells/ μ L	x10E06 cells/ μ L	g/dL	%	fL	pg	g/dL
Vehicle	9.07	10.79	15.08	53.94	50.08	14.01	27.99
St. dev.	1.78	0.73	0.86	3.16	1.45	0.70	0.83
XRP44X	8.15	10.43	14.34	52.16	50.01	13.74	27.50
St. dev.	1.57	1.20	1.56	5.67	0.93	0.36	0.78
T-TEST	0.25	0.45	0.22	0.41	0.91	0.32	0.20

	%NEUTRO	%LYMPHO	%MONO	%EOSINO	%LUC	%BASO	NEUTRO
	%	%	%	%	%	%	x10E03 cells/ μ L
Vehicle	13.23	78.81	2.72	4.36	0.73	0.21	1.21
St. dev.	2.41	6.08	0.69	3.57	0.25	0.08	0.31
XRP44X	12.32	80.62	2.00	4.39	0.58	0.12	0.99
St. dev.	2.03	2.67	0.72	1.99	0.24	0.09	0.25
T-TEST	0.39	0.43	0.04	0.98	0.20	0.03	0.11

	LYMPHO	MONO	EOSINO	LUC	BASO	PLT	MPV
	x10E03 cells/ μ L	x10E03 cells/ μ L	x10E03 cells/ μ L	x10E03 cells/ μ L	x10E03 cells/ μ L	x10E03 cells/ μ L	fL
Vehicle	7.20	0.25	0.41	0.06	0.02	942.33	4.54
St. dev.	1.47	0.11	0.34	0.02	0.01	343.30	0.91
XRP44X	6.45	0.16	0.35	0.05	0.01	1039.60	4.16
St. dev.	1.34	0.07	0.19	0.02	0.01	358.95	0.19
T-TEST	0.26	0.04	0.68	0.10	0.01	0.55	0.25