

Mouse litter	Genotype & time point	Replicate	Total # reads (50bp paired end)	% mapped
A	Day 4 Wild-type	1	24,958,041	96%
		2	10,908,661	97%
		3	13,805,624	97%
	Week 1 Wild-type	1	13,367,197	95%
		2	13,300,200	98%
		3	9,673,123	97%
	Week 2 Wild-type	1	13,234,707	96%
		2	9,378,957	96%
		3	10,341,598	98%
	Week 3 Wild-type	1	11,077,264	96%
		2	10,969,002	97%
		3	13,946,829	97%
B	Week 1, 4-OHT Wild-type	1	16,566,070	96%
		2	17,246,647	96%
		3	16,205,375	96%
	Week 1, untreated Wild-type	1	17,057,605	97%
		2	23,336,815	97%
		3	25,856,434	97%
	Week 3, 4-OHT Wild-type	1	20,776,870	95%
		2	16,113,528	96%
		3	14,954,606	85%
	Week 3, untreated Wild-type	1	15,769,721	97%
		2	14,294,479	95%
		3	20,438,780	97%
C	Week 1, 4-OHT <i>Ptpn11 -/fl; CMV-CreERT2</i>	1	12,110,000	93%
		2	9,657,059	94%
		3	9,507,599	96%
	Week 1, untreated <i>Ptpn11 -/fl; CMV-CreERT2</i>	1	25,954,789	95%
		2	12,766,566	97%
		3	7,648,448	86%
	Week 3, 4-OHT <i>Ptpn11 -/fl; CMV-CreERT2</i>	1	31,478,241	97%
		2	40,187,879	96%
		3	31,181,967	96%
	Week 3, untreated <i>Ptpn11 -/fl; CMV-CreERT2</i>	1	26,929,091	96%
		2	18,316,729	93%
		3	21,570,699	94%
D	Week 1 U0126	1	14,138,829	97%
		2	12,634,668	96%
		3	13,823,998	96%
	Week 1 DMSO control	1	12,165,140	97%
		2	11,748,157	96%
		3	12,558,375	97%
	Week 3 U0126	1	12,765,004	93%
		2	11,862,249	97%
		3	13,849,488	95%
	Week 3 DMSO control	1	13,018,137	94%
		2	12,150,097	93%
		3	12,601,300	96%