

	WT	<i>Spp1^{-/-}</i>
Number of reads	37,270,633	28,982,601
Number of cells	3,294	4,574
Mean reads cells ⁻¹	11,314	6,336
Median genes cells ⁻¹	894	972
Median UMI cells ⁻¹	1,902	1,939

Supplementary Table 1. Cell counts and sequencing totals, including unique molecular identifiers which allow for within cell, gene specific counts of RNA molecules for single cell sequencing.

Gene	Primer	Sequences
<i>Opn</i>	Forward	GCCTGTTTGGCATTGCCTCCTC
	Reverse	CACAGCATTCTGTGGCGCAAGG
<i>Tnfa</i>	Forward	CATCTTCTCAAAATTCGAGTGACAA
	Reverse	TGGGAGTAGACAAGGTACAACCC
<i>Ikaros</i>	Forward	CACTACCTCTGGAGCACAGC
	Reverse	ATAGGGCATGTCTGACAGGCA
<i>Spi1</i>	Forward	CGGATGTGCTTCCCTTATCAAAC
	Reverse	TGACTTTCTTCACCTCGCCTGTC
<i>Pbx1</i>	Forward	AGGACATCGGGGACATTTTAC
	Reverse	CATTAACAAGGCAGGCTTCA
<i>Gata2</i>	Forward	CAAGAAAGGGGCTGAATGTTTTCG
	Reverse	GTGTCCCACAGGTGCCATG
<i>Notch1</i>	Forward	CCCTTGCTCTGCCTAACGC
	Reverse	GGAGTCCTGGCATCGTTGG
<i>Notch2</i>	Forward	ATGTGGACGAGTGTCTGTTGC
	Reverse	GGAAGCATAGGCACAGTCATC
<i>Scl</i>	Forward	TCCCATATGAGATGGAGATTTTC
	Reverse	ATTGATGTACTTCATGGCAAGG
<i>Hoxb3</i>	Forward	GCTCTTCGGAGGCTACTCCT
	Reverse	GACTGCAGAGAACACGCTGA
<i>Hoxb4</i>	Forward	CCTGGATGCGCAAAGTTCA
	Reverse	CTTGGGCTCCCCGCC
<i>Flt3</i>	Forward	CATCCAAGACAACATCTCCT
	Reverse	CCCTGAAGTCAACGTAGAAG
<i>Birc5</i>	Forward	GAGGCTGGCTTCATCCACTG
	Reverse	ATGCTCCTCTATCGGGTTGTC
<i>Actb</i>	Forward	TGTTACCAACTGGGACGACA
	Reverse	CTGGGTCATCTTTTCACGGT
<i>Hsp90ab1</i>	Forward	CCACCCTGCTCTGTACTACT
	Reverse	CCTGAAAGGCAAAGGTCTCC

SUPPLEMENTARY TABLE 2. List of primers for qPCR.