

**Table S1.** Genes of interest: mRNA expression

<b>Target genes</b>		<b>Mutant (group B)</b>	<b>Untreated (group D)</b>	<b>Decoy (group E)</b>
<b>TLR2</b>	mean	7.672	13.28	5.103
	SD	1.267	1.062	0.909
<b>TLR3</b>	mean	9.933	12.21	2.527
	SD	1.576	0.533	1.105
<b>TLR4</b>	mean	7.208	8.993	3.877
	SD	0.874	0.814	0.838
<b>TLR8</b>	mean	12.93	15.01	10.70
	SD	2.936	2.552	2.419
<b>MYD88</b>	mean	2.675	3.820	1.787
	SD	0.762	1.203	0.576
<b>NFkB</b>	mean	4.273	11.04	1.198
	SD	0.783	1.249	0.218
<b>CCL4</b>	mean	2.958	5.142	2.198
	SD	0.581	1.115	0.323
<b>CCL20</b>	mean	7.818	11.00	5.677
	SD	1.052	1.113	0.639
<b>CCR2</b>	mean	2.88	11.11	1.680
	SD	0.583	1.275	0.335
<b>IFNb</b>	mean	2.508	4.000	1.403
	SD	0.369	0.327	0.142
<b>IFN<math>\gamma</math></b>	mean	2.033	10.98	1.758
	SD	0.132	1.085	0.192
<b>TNFa</b>	mean	3.145	11.11	2.918
	SD	0.53	1.275	0.508
<b>IL1b</b>	mean	2.54	6.270	2.143
	SD	0.513	0.701	0.755
<b>IL2</b>	mean	562	7.520	5.295
	SD	0.548	1.148	1.163
<b>IL4</b>	mean	8.218	9.417	7.542
	SD	0.797	0.753	0.806
<b>IL8</b>	mean	1.847	2.515	1.165
	SD	0.679	0.783	0.122
<b>IL10</b>	mean	3.803	7.365	2.455
	SD	0.81	0.957	0.919
<b>IL18</b>	mean	2.713	4.212	1.325
	SD	0.298	0.68	0.235
<b>KLF4</b>	mean	3.135	5.312	1.722
	SD	0.429	0.726	0.224
<b>HOXA5</b>	mean	4.007	7.018	2.998
	SD	0.329	0.941	0.296
<b>NANOG</b>	mean	3.588	5.285	2.403
	SD	0.809	0.732	0.862
<b>H1F1<math>\alpha</math></b>	mean	2.510	4.105	1.125
	SD	0.394	0.657	0.171

*Myeloid differentiation primary response 88 (MYD88); Nuclear factor kappa-light-chain-enhancer of activated B cells (NF- $\kappa$ B); C-C chemokine ligand (CCL4); Chemokine (C-C motif) ligand 20 (CCL20); C-C chemokine receptor type 2 (CCR2); Interferon beta (IFN- $\beta$ ); Interferon gamma (IFN- $\gamma$ ); tumor necrosis factor alpha (TNF- $\alpha$ ); interleukin 1b (IL-1b); interleukin 2 (IL-2); interleukin 4 (IL-4); interleukin 8 (IL-8); interleukin 10 (IL-10); interleukin 18 (IL-18); krüppel-like factor 4 (KLF4); hypoxia-inducible factor 1-alpha (HIF1 $\alpha$ )*