

	Model Species	Nomenclature	Initial $\mu\text{M}$	Location	Module
1	TLR3	TLR3	Steady-state	Endosome	TLR3
2	Poly I:C	PIC	0	Endosome	
3	PIC-Bound TLR3	TLR3PIC	0	Cytoplasm	
4	LPS	LPS	0	Extracellular	TLR4
5	LPS	LPSpm	0	Plasma membrane	
6	LPS	LPSen	0	Endosome	
7	TLR4	TLR4pm	Steady-state	Plasma membrane	
8	TLR4	TLR4en	Steady-state	Endosome	
9	LPS-Bound TLR4	TLR4LPSpm	0	Plasma membrane	
10	LPS-Bound TLR4	TLR4LPSen	0	Endosome	TLR9
11	TNF Receptor	tnfrm	0	Cell Surface	
12	TNF Receptor Trimmer	TNFR	0	Cell Surface	
13	TNF-Bound TNF	TNFRtnf	0	Cell Surface	TNFR
14	TNF Receptor Monomer	tnfrm	0	Cell Surface	
15	TNF Receptor Trimmer	TNFR	0	Cell Surface	
16	TNF-Bound TNF Receptor Trimer	TNFRtnf	0	Cell Surface	
17	TNFR Complex I (active)	C1	0	Cell Surface	
18	TNFR Complex I (inactive)	C1_off	0	Cell Surface	
19	TNF-Bound TNFR Complex I (active)	C1_tnf	0	Cell Surface	
20	TNF-Bound TNFR Complex I (inactive)	C1_tnf_off	0	Cell Surface	
21	TRAF-TRADD-RIP	TTR	8.30E-04	Cytoplasm	
22	MyD88 (inactive)	MyD88	0.1	Cytoplasm	IKK
23	MyD88 (active)	MyD88*	0	Cytoplasm	
24	TRIF (inactive)	TRIF	0.1	Cytoplasm	
25	TRIF (active)	TRIF*	0	Cytoplasm	
26	TRAF6 (inactive)	TRAF6	0.1	Cytoplasm	
27	TRAF6 (active)	TRAF6*	0	Cytoplasm	
28	TAK1 (inactive)	IKKK	0.1	Cytoplasm	
29	TAK1 (active)	IKKK*	0	Cytoplasm	
30	IKK (inactive)	IKK	0.1	Cytoplasm	
31	IKK (active)	IKK*	0	Cytoplasm	
32	IKK (auto-inactivated)	IKKi	0	Cytoplasm	
33	I $\kappa$ B $\alpha$	I $\kappa$ B $\alpha$	0	Cytoplasm	NF $\kappa$ B
34	I $\kappa$ B $\alpha$	I $\kappa$ B $\alpha$ n	0	Nucleus	
35	I $\kappa$ B $\alpha$ -NF $\kappa$ B	I $\kappa$ B $\alpha$ NF $\kappa$ B	0	Cytoplasm	
36	I $\kappa$ B $\alpha$ -NF $\kappa$ B	I $\kappa$ B $\alpha$ NF $\kappa$ b $\alpha$ n	0	Nucleus	
37	I $\kappa$ B $\alpha$ mRNA	I $\kappa$ B $\alpha$ t	0	Cytoplasm	
38	I $\kappa$ B $\beta$	I $\kappa$ B $\beta$	0	Cytoplasm	
39	I $\kappa$ B $\beta$	I $\kappa$ B $\beta$ n	0	Nucleus	
40	I $\kappa$ B $\beta$ -NF $\kappa$ B	I $\kappa$ B $\beta$ NF $\kappa$ B	0	Cytoplasm	
41	I $\kappa$ B $\beta$ -NF $\kappa$ B	I $\kappa$ B $\beta$ NF $\kappa$ b $\alpha$ n	0	Nucleus	
42	I $\kappa$ B $\beta$ mRNA	I $\kappa$ B $\beta$ t	0	Cytoplasm	
43	I $\kappa$ B $\epsilon$	I $\kappa$ B $\epsilon$	0	Cytoplasm	
44	I $\kappa$ B $\epsilon$	I $\kappa$ B $\epsilon$ n	0	Nucleus	
45	I $\kappa$ B $\epsilon$ -NF $\kappa$ B	I $\kappa$ B $\epsilon$ NF $\kappa$ B	0	Cytoplasm	
46	I $\kappa$ B $\epsilon$ -NF $\kappa$ B	I $\kappa$ B $\epsilon$ NF $\kappa$ b $\alpha$ n	0	Nucleus	
47	I $\kappa$ B $\epsilon$ mRNA	I $\kappa$ B $\epsilon$ t	0	Cytoplasm	
48	A20	A20	0	Cytoplasm	
49	A20 mRNA	A20t	0	Cytoplasm	
50	NF $\kappa$ B	NF $\kappa$ B	0	Cytoplasm	
51	NF $\kappa$ B	NF $\kappa$ b $\alpha$ n	0.125	Nucleus	
52	TNF nascent mRNA	TNFnascent	0	Cytoplasm	TNF
53	TNF mature mRNA	TNFmRNA	0	Nucleus	
54	Pro-TNF	ProTNF	0	Cell Surface	
55	Secreted TNF protein	TNF	0	Extracellular	