

Table S3. Half-life of pre-mRNA in mouse bone marrow derived macrophages

Group	Gene	Total intron no.	Average intron size (nt)	Analyzed intron	Size (nt)	Half-life (min)	
						TNF (15 min)	TNF (6 h)
Group I							
	<i>Cxcl1</i>	3	307	In 1	89	1.6 ± 0.3	2.8 ± 0.9
	<i>Cxcl1</i>	3	307	In 3	718	1.3 ± 0.6	-
	<i>Dusp1</i>	3	313	In3	334	1.5 ± 0.4	1.8 ± 0.4
	<i>Nfkbia</i>	5	332	In 3	260	1.2 ± 0.2	1.4 ± 0.2
	<i>Nfkbia</i>	5	332	In 5	436	1.7 ± 0.2	1.9 ± 0.3
	<i>Il1b</i>	6	869	In3	1544	2.3 ± 0.5	2.1 ± 0.4
	<i>Tnf</i>	3	329	In1	516	1.9 ± 0.4	1.4 ± 0.2
	<i>Tnf</i>	3	329	In3	294	1.5 ± 0.2	1.4 ± 0.2
	<i>Tnfaip3</i>	8	1259	In 2	3145	4.0 ± 0.2	4.6 ± 2.7
	<i>Tnfaip3</i>	8	1259	In5	1131	2.9 ± 1.2	3.1 ± 0.9
	<i>Tnfaip3</i>	8	1259	In 6	219	3.8 ± 1.7	3.6 ± 1.0
	<i>Tnfaip3</i>	8	1259	In 8	560	2.5 ± 0.9	1.8 ± 0.1
	<i>Zfp36</i>	1	680	In1	680	1.5 ± 0.3	1.6 ± 0.5
Group II							
	<i>Cxcl10</i>	3	383	In 2	194	2.2 ± 0.1	1.8 ± 0.4
	<i>Cxcl10</i>	3	383	In 3	419	2.7 ± 0.2	1.6 ± 0.2
	<i>Icam1</i>	6	1716	In 1	2817	9.2±1.1	21±4
	<i>Icam1</i>	6	1716	In 2	6364	9.7 ± 2.3	10 ± 2
	<i>Icam1</i>	6	1716	In 6 (3')	90	5.2 ± 0.8	4.6 ± 0.4
	<i>Nfkbie</i>	5	1006	In 1	2180	9.5 ± 0.8	4.9 ± 1.5
	<i>Nfkbie</i>	5	1006	In 5	1354	10.8 ± 1.9	6.9 ± 1.8
	<i>Nfkb2</i>	22	195	In1	1109	6.8 ± 0.5	6.1 ± 0.6
	<i>Nfkb2</i>	22	195	In8	237	5.3 ± 0.4	7.1 ± 1.1
	<i>Relb</i>	11	1910	In8	1060	38 ± 6	19 ± 2
	<i>Tlr2</i>	2	1241	In2	2099	6.2 ± 0.6	6.7 ± 1.3
Group III							
	<i>C3</i>	40	476	In1	1073	6.7 ± 0.4	6.9 ± 0.8
	<i>C3</i>	40	476	In29	1248	4.5 ± 0.6	4.4 ± 0.7
	<i>Ccl5</i>	2	2104	In 1	1118	-	2.0 ± 0.5
	<i>Ccl5</i>	2	2104	In 2	3091	-	5.0 ± 0.8
	<i>Gbp2</i>	10	1489	In1	2861	19 ± 3	11 ± 2
	<i>Gbp2</i>	10	1489	In4	4346	14 ± 3	8 ± 2
	<i>Ifit1</i>	1	6483	In1	6483	-	17 ± 8
	<i>Slc2a6</i>	9	500	In1	513	13 ± 2	13 ± 1
	<i>Slc2a6</i>	9	500	In2	1033	8 ± 1	11 ± 1

Half-life of pre-mRNA in mouse bone marrow derived macrophages (BMDM) were determined experimentally by ActD treatment under different TNF treatment conditions. The results, represented as time in minutes, are mean ±SD from triplicate samples. "-" refers to those values that cannot be accurately determined because the pre-mRNA levels were too low or fell rapidly beyond the linear range of measurement after treatment of ActD. Location refers to the amplicon location across the 5' end of an intron (In) if not specifically indicated.