

Supplementary Tables

Table S1 The temporal expression analysis of eight ISGs in three tissues post Poly(I:C) stimulation

		ISG56	ISG58	ISG15-1	ISG15-2	Mx1	gig2	viperin	usp18
kindey	0 h	1.00 ± 0.10	1.00 ± 0.11	1.00 ± 0.21	1.00 ± 0.12	1.00 ± 0.16	1.00 ± 0.13	1.00 ± 0.11	1.00 ± 0.09
	12 h	274.12 ± 28.56	683.72 ± 70.42	466.02 ± 49.32	1610.85 ± 163	494.68 ± 52.39	517.33 ± 52.11	215.84 ± 23.64	230.31 ± 25.95
	24 h	50.23 ± 5.27	124.2 ± 13.36	100.02 ± 12.31	471.37 ± 49.68	87.63 ± 8.95	102.58 ± 12.88	31.49 ± 3.46	39.94 ± 4.21
	48 h	3.04 ± 0.32	6.47 ± 0.68	7.58 ± 0.79	21.14 ± 2.47	7.19 ± 0.76	1.36 ± 0.15	1.7 ± 0.21	3.54 ± 0.39
	72 h	0.74 ± 0.08	2.74 ± 0.31	3.52 ± 0.37	7.34 ± 0.76	3.54 ± 0.38	1.29 ± 0.31	1.08 ± 0.13	2.08 ± 0.23
	96 h	1.85 ± 0.23	12.77 ± 1.34	19.96 ± 2.14	95.7 ± 10.05	16.45 ± 1.97	6.43 ± 0.72	9.23 ± 0.97	12.12 ± 1.36
	120 h	2.92 ± 0.31	10.48 ± 1.24	9.54 ± 0.98	30.74 ± 3.28	11.55 ± 1.23	14.49 ± 1.62	1.87 ± 0.22	7.72 ± 0.81
spleen	0 h	1.00 ± 0.09	1.00 ± 0.12	1.00 ± 0.14	1.00 ± 0.12	1.00 ± 0.1	1.00 ± 0.11	1.00 ± 0.17	1.00 ± 0.14
	12 h	66.02 ± 6.80	47.29 ± 5.1	50.56 ± 5.22	165.87 ± 17.22	30.42 ± 3.21	127.15 ± 13.2	99.17 ± 10.56	49.03 ± 5.11
	24 h	10.53 ± 1.12	7.22 ± 0.75	8.14 ± 0.84	16.34 ± 2.11	5.00 ± 0.62	8.43 ± 0.88	15.15 ± 1.64	10.85 ± 1.13
	48 h	2.01 ± 0.23	3.02 ± 0.34	3.02 ± 0.32	1.44 ± 0.23	2.95 ± 0.32	0.21 ± 0.03	2.92 ± 0.31	4.26 ± 0.45
	72 h	1.39 ± 0.14	2.17 ± 0.25	2.17 ± 0.23	0.79 ± 0.09	2.30 ± 0.25	0.24 ± 0.04	1.84 ± 0.22	2.45 ± 0.26
	96 h	1.21 ± 0.17	3.37 ± 0.35	1.19 ± 0.13	1.05 ± 0.13	2.17 ± 0.23	0.54 ± 0.06	1.78 ± 0.21	2.72 ± 0.31
	120 h	3.40 ± 0.36	3.80 ± 0.41	3.34 ± 0.35	1.24 ± 0.15	3.92 ± 0.42	0.49 ± 0.05	2.35 ± 0.25	6.20 ± 0.65
liver	0 h	1.00 ± 0.22	1.00 ± 0.25	1.00 ± 0.13	1.00 ± 0.12	1.00 ± 0.08	1.00 ± 0.08	1.00 ± 0.08	1.00 ± 0.11
	12 h	373.53 ± 45	1942.48 ± 200	288.02 ± 30.11	567.65 ± 163	887.22 ± 90	351.06 ± 37.05	792.18 ± 81.21	635.85 ± 66.15
	24 h	89.63 ± 13	46.91 ± 5	10.93 ± 1.23	16.19 ± 49.68	58.08 ± 6.1	234.05 ± 23.5	30.51 ± 3.26	55.09 ± 5.81
	48 h	5.53 ± 1.1	1.67 ± 0.35	0.61 ± 0.07	0.22 ± 2.47	1.91 ± 0.17	0.63 ± 0.07	1.75 ± 0.19	1.49 ± 0.23
	72 h	15.07 ± 3	9.08 ± 2	5.11 ± 0.55	4.13 ± 0.76	14.67 ± 1.52	13.92 ± 2.41	15.08 ± 1.62	15.57 ± 1.87
	120 h	124.63 ± 25	59.07 ± 7	22.48 ± 2.42	20.77 ± 10.05	1.95 ± 0.15	11.65 ± 1.21	50.48 ± 5.23	32.2 ± 3.52
	168 h	8.13 ± 1.8	4.13 ± 1	2.25 ± 0.25	0.94 ± 3.28	55.44 ± 5.62	4.97 ± 0.51	1.91 ± 0.21	6.74 ± 0.71

Table S2 The temporal expression analysis of eight ISGs in three tissues post LPS stimulation

		ISG56	ISG58	ISG15-1	ISG15-2	Mx1	gig2	viperin	usp18
kindey	0 h	1.00 ± 0.13	1.00 ± 0.12	1.00 ± 0.08	1.00 ± 0.15	1.00 ± 0.22	1.00 ± 0.09	1.00 ± 0.18	1.00 ± 0.09
	12 h	1.34 ± 0.15	1.55 ± 0.20	2.62 ± 0.32	2.15 ± 0.24	1.27 ± 0.29	3.05 ± 0.34	1.8 ± 0.21	2.17 ± 0.24
	24 h	7.75 ± 0.82	2.84 ± 0.35	7.71 ± 0.82	10.91 ± 1.40	4.50 ± 0.49	7.56 ± 0.78	5.36 ± 0.65	4.32 ± 0.46
	48 h	10.17 ± 1.21	4.35 ± 0.55	4.22 ± 0.52	6.48 ± 0.82	3.62 ± 0.42	4.43 ± 0.47	4.97 ± 0.55	4.64 ± 0.48
	72 h	5.57 ± 0.62	3.08 ± 0.45	2.14 ± 0.23	7.24 ± 0.80	2.87 ± 0.32	2.98 ± 0.32	3.3 ± 0.37	1.96 ± 0.21
	120 h	9.46 ± 1.13	2.72 ± 0.35	5.15 ± 0.65	7.39 ± 0.75	2.82 ± 0.33	1.57 ± 0.33	3.26 ± 0.45	3.01 ± 0.33
	168 h	6.78 ± 0.71	3.76 ± 0.40	8.13 ± 0.95	20.8 ± 2.80	2.58 ± 0.29	2.93 ± 0.29	4.96 ± 0.59	5.84 ± 0.62
spleen	0 h	1.00 ± 0.11	1.00 ± 0.13	1.00 ± 0.09	1.00 ± 0.12	1.00 ± 0.11	1.00 ± 0.11	1.00 ± 0.09	1.00 ± 0.13
	12 h	1.59 ± 0.18	0.79 ± 0.10	0.22 ± 0.05	0.29 ± 0.04	0.64 ± 0.07	0.47 ± 0.05	0.49 ± 0.06	0.51 ± 0.06
	24 h	6.33 ± 0.78	16.81 ± 2.11	7.06 ± 0.88	13.42 ± 1.44	5.68 ± 0.61	7.11 ± 0.75	2.74 ± 0.31	9.81 ± 1.20
	48 h	9.38 ± 0.98	5.88 ± 0.63	4.00 ± 0.52	3.62 ± 0.41	2.43 ± 0.30	1.79 ± 0.19	1.22 ± 0.15	3.09 ± 0.33
	72 h	3.08 ± 0.45	3.13 ± 0.33	2.18 ± 0.31	2.25 ± 0.26	1.33 ± 0.16	1.33 ± 0.15	1.20 ± 0.14	2.20 ± 0.25
	96 h	1.11 ± 0.14	0.80 ± 0.09	1.96 ± 0.23	1.31 ± 0.19	0.76 ± 0.08	0.52 ± 0.05	0.37 ± 0.04	1.04 ± 0.13
	120 h	1.22 ± 0.16	0.55 ± 0.06	1.14 ± 0.14	1.11 ± 0.15	0.38 ± 0.04	0.12 ± 0.02	0.17 ± 0.02	0.91 ± 0.11
liver	0 h	1.00 ± 0.21	1.00 ± 0.27	1.00 ± 0.16	1.00 ± 0.14	1.00 ± 0.20	1.00 ± 0.28	1.00 ± 0.15	1.00 ± 0.22
	12 h	12.17 ± 2.33	4.62 ± 0.52	1.19 ± 0.21	0.86 ± 0.11	20.32 ± 2.30	1.82 ± 0.24	3.10 ± 0.35	3.57 ± 0.41
	24 h	25.05 ± 4.50	6.93 ± 0.82	3.98 ± 0.45	3.06 ± 0.32	19.61 ± 2.10	6.58 ± 0.71	7.58 ± 0.82	7.91 ± 0.82
	48 h	17.82 ± 2.08	17.87 ± 2.08	2.96 ± 0.34	3.16 ± 0.36	10.51 ± 1.30	3.16 ± 0.41	6.09 ± 0.71	10.05 ± 1.20
	72 h	49.03 ± 6.02	12.6 ± 1.35	4.87 ± 0.51	2.21 ± 0.25	10.18 ± 1.22	5.59 ± 0.62	8.34 ± 0.92	9.80 ± 0.97

96 h	11.05 ± 1.98	4.64 ± 0.49	1.11 ± 0.19	0.43 ± 0.06	2.98 ± 0.33	0.67 ± 0.07	2.65 ± 0.31	2.12 ± 0.23
120 h	4.1 ± 0.59	1.28 ± 0.15	0.75 ± 0.11	0.46 ± 0.09	2.15 ± 0.30	0.68 ± 0.08	0.31 ± 0.04	2.08 ± 0.33
