

**Supplementary Table. Comparisons of human biopsy sample microarray transcript measurements with cell culture quantitative RT-PCR and microarray transcript measurement. Ten highest IFN- $\beta$  10U/ml inducible transcripts from cell culture RT-PCR experiments listed.**

Transcript	DM Biopsy Samples		Cell Culture IFN- $\beta$ 10U		Cell Culture IFN- $\alpha$ 10U		Cell Culture IFN- $\beta$ 1U		Cell Culture IFN- $\alpha$ 1U	
	Micro-array	Other-IM Biopsy Samples	RT-PCR	Micro-array	RT-PCR	Micro-array	RT-PCR	Micro-array	RT-PCR	Micro-array
RSAD2	210.58	7.47	41.01	76.43	11.32	22.58	3.96	6.00	3.76	6.38
MXA	152.93	5.40	38.46	88.68	15.45	47.10	5.63	15.76	7.18	20.33
IFI44L	31.40	3.63	14.72	36.82	6.42	18.90	3.07	7.68	3.31	9.56
ISG15	193.84	7.12	13.62	14.80	5.06	8.07	2.34	4.80	2.87	4.75
IFI27	19.29	4.93	11.70	63.66	4.69	35.96	1.97	13.42	2.52	17.79
OAS1	99.23	2.51	8.55	17.99	4.35	13.10	2.32	4.93	2.85	7.96
HERC5	33.62	1.19	6.40	15.32	3.05	10.43	1.92	4.89	2.22	5.17
IFI44	6.40	1.26	5.02	7.53	2.34	4.25	1.61	2.13	1.91	2.40
USP18	36.85	1.29	4.74	6.19	2.70	4.55	1.32	1.96	1.97	2.73
IRF7	16.70	2.04	4.41	7.39	2.19	4.75	1.73	2.40	1.74	3.16