

Supplementary Table 3. Type I IFN-independent genes (n=73)

| GeneID | Common Name | RefSeq | 129SvEv t=2 | 129SvEv t=5 | IFNAR t=2 | IFNAR t=5 |
|---------------|--------------------|---------------|------------------------|------------------------|----------------------|----------------------|
| MMAA300018417 | 665509 | | 1,1 | 1,0 | 1,1 | 1,5 |
| MMAA200000796 | Apod | NM_007470 | 1,2 | 1,0 | 1,0 | 2,0 |
| MMAA300006778 | Arpc1b | NM_023142 | 1,0 | 1,1 | 1,0 | 1,6 |
| MMAA200004830 | Arrdc2 | NM_027560 | 1,0 | 1,0 | 1,0 | 1,8 |
| MMAA300008745 | B2m | NM_009735 | 1,3 | 1,2 | 1,0 | 4,1 |
| MMAA200000131 | C1qa | NM_007572 | 1,0 | 1,0 | 0,9 | 2,1 |
| MMAA200000979 | C1qb | NM_009777 | 1,0 | 1,0 | 1,0 | 3,1 |
| MMAA200001340 | C1qc | NM_007574 | 1,1 | 1,0 | 1,0 | 2,0 |
| MMAA300004234 | Cd74 | NM_001042605 | 1,0 | 0,9 | 1,0 | 3,8 |
| MMAA200007578 | Cdkn1a | NM_007669 | 1,0 | 1,0 | 1,0 | 2,1 |
| MMAA300012869 | Chi3l3 | XM_889251 | 1,1 | 1,0 | 1,0 | 3,3 |
| MMAA300000452 | Cp | NM_007752 | 1,1 | 1,0 | 0,9 | 2,3 |
| MMAA200009050 | Cxcl11 | NM_019494 | 1,0 | 1,0 | 1,0 | 1,6 |
| MMAA300001385 | Cyp2j9 | NM_028979 | 0,9 | 0,9 | 1,0 | 1,6 |
| MMAA300012450 | ENSMUSG00000039955 | | 1,3 | 1,0 | 1,0 | 2,1 |
| MMAA200001345 | Fit1 | NM_010228 | 1,1 | 1,1 | 1,0 | 1,6 |
| MMAA200000089 | Gbp1 | NM_010259 | 1,1 | 1,0 | 1,0 | 3,2 |
| MMAA200004765 | Gbp2 | NM_010260 | 1,1 | 1,0 | 1,0 | 2,3 |
| MMAA200000729 | Gbp3 | NM_018734 | 1,3 | 1,1 | 1,1 | 1,9 |
| MMAA200005744 | Gdpd3 | NM_024228 | 1,1 | 1,0 | 1,0 | 1,6 |
| MMAA200000881 | Glul | NM_008131 | 1,0 | 1,0 | 0,9 | 1,6 |
| MMAA300020817 | Grrp1 | XM_485455 | 0,9 | 1,0 | 1,0 | 1,5 |
| MMAA200000761 | Gstm1 | NM_010358 | 1,0 | 0,9 | 1,0 | 1,5 |
| MMAA300010457 | H2-Aa | NM_010378 | 1,3 | 0,9 | 1,0 | 1,9 |
| MMAA300004076 | H2-Eb1 | NM_010382 | 1,1 | 1,0 | 1,0 | 1,7 |
| MMAA300004062 | H2-K1 | NM_019909 | 1,1 | 1,2 | 1,0 | 2,8 |
| MMAA300012864 | H2-Q1 | | 1,1 | 1,1 | 1,0 | 1,7 |
| MMAA300010153 | H2-Q9 | NM_010394 | 1,1 | 1,1 | 1,0 | 1,6 |
| MMAA200005712 | Hexb | NM_010422 | 1,1 | 1,0 | 1,1 | 1,5 |
| MMAA300017926 | Hspb1 | NM_013560 | 1,1 | 1,0 | 1,1 | 1,6 |
| MMAA300005162 | Ifi202b | NM_008327 | 1,5 | 1,2 | 1,3 | 1,5 |
| MMAA300004660 | Ifitm1 | NM_026820 | 1,0 | 1,0 | 1,1 | 2,2 |
| MMAA200009330 | Ifitm3 | NM_025378 | 1,8 | 1,1 | 1,1 | 3,0 |
| MMAA200000196 | Ifngr1 | NM_010511 | 1,0 | 1,0 | 1,0 | 1,6 |
| MMAA200000191 | Igfbp7 | NM_008048 | 1,0 | 1,0 | 1,1 | 2,1 |
| MMAA200000303 | Iigp2 | NM_018738 | 1,2 | 1,0 | 1,0 | 1,8 |
| MMAA200000461 | Irf1 | NM_008390 | 1,1 | 1,0 | 1,1 | 1,9 |
| MMAA300015119 | Krt18 | NM_010664 | 0,9 | 1,1 | 1,0 | 2,2 |
| MMAA300005306 | Lcn2 | NM_008491 | 1,0 | 1,1 | 1,1 | 2,9 |
| MMAA200001213 | Lgals3bp | NM_011150 | 1,4 | 1,1 | 1,0 | 1,5 |
| MMAA200011815 | Lrg1 | NM_029796 | 1,0 | 1,0 | 1,1 | 1,6 |
| MMAA200002687 | Ly6c | NM_010738 | 1,8 | 1,0 | 1,0 | 6,6 |
| MMAA200014954 | Ly6f | NM_008530 | 1,2 | 1,0 | 1,0 | 3,4 |
| MMAA300002048 | Lyzs | NM_017372 | 1,0 | 1,0 | 1,0 | 4,2 |
| MMAA300002047 | Lzp-s | NM_013590 | 1,0 | 1,0 | 1,0 | 1,8 |

| | | | | | | |
|---------------|-------------|--------------|-----|-----|-----|-------------|
| MMAA300007075 | Mgp | NM_008597 | 1,1 | 1,0 | 1,0 | 1,9 |
| MMAA200006504 | Ms4a6b | NM_028595 | 0,9 | 1,0 | 1,0 | 1,6 |
| MMAA300007885 | Mt1 | NM_013602 | 1,0 | 0,9 | 1,1 | 2,5 |
| MMAA200009417 | Mt2 | NM_008630 | 1,0 | 0,9 | 1,0 | 2,3 |
| MMAA300007883 | Mt3 | NM_013603 | 1,1 | 0,9 | 1,2 | 1,5 |
| MMAA200004993 | Olf45 | NM_010999 | 1,2 | 1,0 | 1,0 | 2,2 |
| MMAA300000072 | Phyh1 | NM_177725 | 1,0 | 1,0 | 1,2 | 3,1 |
| MMAA200007618 | Plac8 | NM_139198 | 1,1 | 1,0 | 1,0 | 1,5 |
| MMAA200016029 | Podxl | NM_013723 | 1,1 | 1,0 | 1,1 | 1,6 |
| MMAA200003254 | Psmc8 | NM_010724 | 1,1 | 1,1 | 1,0 | 2,1 |
| MMAA200003424 | Psmc9 | NM_013585 | 1,1 | 1,0 | 1,0 | 2,0 |
| MMAA300005843 | S100a11 | NM_016740 | 1,0 | 1,1 | 1,2 | 1,6 |
| MMAA200003295 | Saa3 | NM_011315 | 1,0 | 1,0 | 1,1 | 2,0 |
| MMAA200003167 | Scrg1 | NM_009136 | 1,0 | 1,0 | 1,0 | 1,5 |
| MMAA200003360 | Serpina3g | NM_009251 | 1,0 | 1,0 | 1,0 | 1,8 |
| MMAA300001921 | Sgk | NM_011361 | 0,9 | 1,1 | 1,0 | 1,5 |
| MMAA300006210 | Slc2a1 | NM_011400 | 1,0 | 1,0 | 1,0 | 1,6 |
| MMAA300004422 | Sorbs1 | NM_178362 | 1,1 | 1,0 | 1,0 | 1,5 |
| MMAA200002695 | Stat1 | NM_009283 | 1,1 | 1,0 | 1,0 | 1,5 |
| MMAA200003495 | Sult1a1 | NM_133670 | 0,9 | 1,1 | 1,1 | 3,3 |
| MMAA200003694 | Tgm2 | NM_009373 | 1,0 | 0,9 | 1,0 | 2,5 |
| MMAA200003398 | Tgtp | NM_001045540 | 1,9 | 1,1 | 1,0 | 13,1 |
| MMAA200006098 | Tm2d2 | NM_027194 | 1,1 | 0,9 | 1,3 | 2,7 |
| MMAA300007712 | Tsc22d3 | NM_010286 | 1,0 | 1,0 | 1,0 | 2,0 |
| MMAA200009290 | Ubd | NM_023137 | 1,0 | 1,0 | 1,0 | 1,8 |
| MMAA300017681 | XR_003396.1 | XM_924014 | 1,1 | 1,1 | 1,0 | 1,9 |
| MMAA300015120 | XR_005070.1 | XR_005070 | 1,0 | 1,0 | 1,0 | 1,8 |
| MMAA200003752 | Zfp113 | NM_019747 | 1,0 | 1,0 | 1,0 | 1,5 |