# Supplementary Material

Supplementary Table 1. Primer sequences used for qRT-PCR.

| Gene                                      | Abbreviation | Species | Sequence                      | Direction |
|-------------------------------------------|--------------|---------|-------------------------------|-----------|
| Abelson (P160) murine leukemia virus      | AblMlv1      | Mouse   | TGT ACG AGG GCG TTT GGA AG    | F         |
| Abelson (P160) murine leukemia virus      | AblMlv1      | Mouse   | GGG TAC ACA CCC CTA GCA G     | R         |
| Abelson (P160) murine leukemia virus      | AblMlv2      | Mouse   | CTG GGA GAA AGC GAT GCA CT    | F         |
| Abelson (P160) murine leukemia virus      | AblMlv2      | Mouse   | CGC TCA TCT TCA TTT AGG CTG C | R         |
| Ecotropic murine leukemia virus           | EcoMlv       | Mouse   | GTA ACG CCA TTT TGC AAG GC    | F         |
| Ecotropic murine leukemia virus           | EcoMlv       | Mouse   | ATG AGG CTT GGG GTT GAT CC    | R         |
| Mus musculus mobilized endogenous polytropic provirus | EndoPP1 | Mouse   | GGC CGG AAC ACG AGT AAG AG    | F         |
| Mus musculus mobilized endogenous polytropic provirus | EndoPP1 | Mouse   | TTG GCC ACC GAC TGA CTT AC    | R         |
| Mus musculus mobilized endogenous polytropic provirus | EndoPP2 | Mouse   | TCT ATA GTC CCT GAG ACT GCC C | F         |
| Mus musculus mobilized endogenous polytropic provirus | EndoPP2 | Mouse   | CAA CCA GCA CTC TTG GGT TTT GT | R         |
| Murine leukemia virus                     | Mlv          | Mouse   | GTA CCA ACA GGG TGT GGA GG    | F         |
|gene name| strain| species| forward primer| reverse primer|
|---|---|---|---|---|
|Murine leukemia virus| MuLV| Mouse| TTG ATG TCA CTG GAG ACC GC| R|
|Interferon-induced protein with tetratricopeptide repeats 1| IFIT1| Mouse| TCTGCTCTGCTGAAAAACCA| F|
|Interferon-induced protein with tetratricopeptide repeats 1| IFIT1| Mouse| CACCATCAGCATTCTCTCCCAT| R|
|Interferon-induced protein with tetratricopeptide repeats 2| IFIT2| Mouse| GTAGGGGTTACATCCGGC| F|
|Interferon-induced protein with tetratricopeptide repeats 2| IFIT2| Mouse| TCTGTGCAGCACCTCTAAGTC| R|
|Interferon-induced protein with tetratricopeptide repeats 3| IFIT3| Mouse| CTGAACTGCTAGCCCACA| F|
|Interferon-induced protein with tetratricopeptide repeats 3| IFIT3| Mouse| TTCCCCGGTTGACCTC| R|
|Interferon -β| Ifnb1| Mouse| ATCAACCTCACCTACAGGGC| F|
|Interferon -β| Ifnb1| Mouse| ATCTCTTGGATGGCAAGGCA| R|
|Glyceraldehyde 3-phosphate dehydrogenase| GAPDH| Mouse| AGGTCGGTGTAACGGAATTTG| F|
|Glyceraldehyde 3-phosphate dehydrogenase| GAPDH| Mouse| TGTAGACCATGTAGGGAAGTCA| R|
Supplementary Table 2. Antibodies used in western blot and flow cytometry.

| Target      | Clone   | Manufacturer          | Cat#       |
|-------------|---------|-----------------------|------------|
| HSP90       | AC88    | Enzo life sciences    | ADI-SPA-830|
| Vinculin    | V284    | Millipore             | 05-386     |
| CDK4        | D9G3E   | CST                   | 12790      |
| α-Tubulin   | DM1A    | Sigma-Aldrich         | T9026      |
| HSF-1       | 10H8    | Enzo Life Sciences    | ADI-SPA-950-D|
| IFIT1       | OTI3G8  | Origene               | TA500948S  |
| CD45        | UCHL1   | BD                    | 561888     |
| CD8a        | 53-6.7  | BD                    | 561095     |
| CD3ε        | 17A2    | Tonbo                 | 65-0032    |
| CD11c       | N418    | Tonbo                 | 50-0114    |
| MHC-II      | M5/114.15.2 | Tonbo               | 25-5321    |
| SRC         | 36D10   | CST                   | 2019       |
| CD8a        | D4W2Z   | CST                   | 98941      |
| Cleaved Caspase 3 | 269518 | CST                   | 9661       |