Supplementary Table 1.

***Supplementary Table 1.*** *Taqman probe list*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Gene** | **TaqMan Probe** | **Gene** | **TaqMan Probe** |
|  | **ABCB1** | Hs00184500\_m1 | **IL6ST** | Hs00174360\_m1 |
|  | **APOBEC3G** | Hs00222415\_m1 | **IRAK4** | Hs00211610\_m1 |
|  | **BATF** | Hs00232390\_m1 | **IRF4** | Hs01056533\_m1 |
|  | **BAX** | Hs00180269\_m1 | **ITCH** | Hs00395201\_m1 |
|  | **BCL2** | Hs99999018\_m1 | **KLRG1** | Rh00929962\_m1 |
|  | **BCL6** | Hs00277037\_m1 | **LAG3** | Hs00158563\_m1 |
|  | **BCMA** | Hs00171292\_m1 | **LIGHT** | Hs00998604\_m1 |
|  | **BLNK** | Hs00179459\_m1 | **LILRB1** | Hs01848117\_s1 |
|  | **BST2** | Hs00171632\_m1 | **MAPK3** | [Hs00385075\_m1](https://www.thermofisher.com/order/genome-database/details/ge/Hs00385075_m1?CID=&ICID=) |
|  | **BTK** | Hs00975865\_m1 | **MTOR** | Hs00234508\_m1 |
|  | **BTLA** | Rh02889477\_m1 | **MX1** | Hs00895608\_m1 |
|  | **CAMK4** | Hs00174318\_m1 | **MYD88** | Hs01573837\_g1 |
|  | **CAV1** | Hs00971716\_m1 | **MZB1** | Hs00414907\_m1 |
|  | **CCR2** | Hs00356601\_m1 | **NFKB1** | Hs00765730\_m1 |
|  | **CCR7** | Hs00171054\_m1 | **NKRF** | Hs00213907\_m1 |
|  | **CD27** | Hs00154297\_m1 | **NOD2** | Hs01550762\_g1 |
|  | **CD28** | Hs00174796\_m1 | **PAX5** | Hs00277134\_m1 |
|  | **CD38** | Hs01120071\_m1 | **PDCD1** | Hs00169472\_m1 |
|  | **CD40** | Hs01002915\_g1 | **PDL1** | Hs00228839\_m1 |
|  | **CD40L** | Hs00163934\_m1 | **PIK3C2B** | Hs00898518\_m1 |
|  | **CD69** | Hs00934033\_m1 | **PILRB** | Hs00273801\_m1 |
|  | **CD74** | Hs00959498\_g1 | **PKCA** | Hs00925195\_m1 |
|  | **CD79B** | Hs01058826\_g1 | **PLCG** | Hs01008225\_m1 |
|  | **CD86** | Hs01567025\_m1 | **PPP3CA** | Hs00174223\_m1 |
|  | **CXCL10** | Hs00171042\_m1 | **PPPIR13B** | Hs00367408\_m1 |
|  | **CXCR3** | Hs00171041\_m1 | **PRDM1** | Hs00153357\_m1 |
|  | **CXCR4** | Hs00607978\_s1 | **PTEN** | Hs02621230\_s1 |
|  | **CXCR5** | Hs00173527\_m1 | **RORC** | Hs01076112\_m1 |
|  | **CYBB** | Hs00166163\_m1 | **RUNX3** | Hs00231709\_m1 |
|  | **DOCK8** | Hs00298892\_m1 | **SAMHD1** | Hs00210019\_m1 |
|  | **DUSP4** | Hs01027785\_m1 | **SELPLG** | Hs00380945\_m1 |
|  | **ETS1** | Hs00428293\_m1 | **SOCS1** | Hs00705164\_s1 |
|  | **FAS** | Hs00531110\_m1 | **STAT1** | Hs01013996\_m1 |
|  | **FOXO1** | Hs00231106\_m1 | **STAT3** | Hs01047580\_m1 |
|  | **FOXO3** | Hs00921424\_m1 | **STAT4** | Rh02896026\_m1 |
|  | **FYN** | Hs00941600\_m1 | **STAT5A** | Rh02844611\_m1 |
|  | **GAPDH** | Hs99999905\_m1 | **SYK** | Hs00374292\_m1 |
|  | **HAVCR2** | Hs00958623\_m1 | **TACI** | Hs00963364\_m1 |
|  | **IFIT2** | Hs00533665\_m1 | **TIRAP** | Hs00364644\_m1 |
|  | **IFNAR2** | Hs01022060\_m1 | **TLR7** | Hs00152971\_m1 |
|  | **IGD** | Hs00920518\_g1 | **TLR9** | Hs00152973\_m1 |
|  | **IGM** | Hs00941538\_g1 | **TNFRSF13C/BAFFR** | Hs00606874\_g1 |
|  | **IKBKG** | Hs00415849\_m1 | **TNFRSF4/CD134** | Hs00533968\_m1 |
|  | **IL10** | Hs00961622\_m1 | **TNFSF13/APRIL** | Hs00182565\_m1 |
|  | **IL10RA** | Hs00155485\_m1 | **TNFSF13B/BAFF** | Hs00198106\_m1 |
|  | **IL21R** | Hs00222310\_m1 | **TRIM5** | Hs01552559\_m1 |
|  | **IL2RA** | Hs00166229\_m1 | **TXNDC5** | Hs01046709\_mH |
|  | **IL6RA** | Hs00169842\_m1 | **ZAP70** | Hs00896345\_m1 |