### Supporting Table 1

Sequences of the primers for quantitative real-time (qRT)-PCR and direct DNA sequencing for *MYD88* mutation analysis.

| Target transcripts | Direction | Sequence |
|--------------------|-----------|----------|
| GAPDH              | Forward   | 5’- AGCCACATCGCTCAGACAC- 3’ |
|                    | Reverse   | 5’ - GCCCAATAGGACCCGACTTC- 3’ |
| DDX58              | Forward   | 5’ – CTGGACCCTACCTACATCCTG- 3’ |
|                    | Reverse   | 5’ – GCCATCCAAAAGGCCACGG- 3’ |
| HLA-E              | Forward   | 5’- GCCTACGACGGCAAGATGTA- 3’ |
|                    | Reverse   | 5’ - GCCATCATTGACTTTTGCTCG- 3’ |
| IFNGR1             | Forward   | 5’ – CCAGGCATGCATACCAAGGA- 3’ |
|                    | Reverse   | 5’ – TTTAAGCGATGCTGCCAGG- 3’ |
| IL18               | Forward   | 5’ – GCTGAAGATGATGAAAACCTTGA- 3’ |
|                    | Reverse   | 5’ – GAGGCCGATTTCCTTGGTCA- 3’ |
| IL1R1              | Forward   | 5’ – GAAACATGGGGCTATCCGCT- 3’ |
|                    | Reverse   | 5’ – CGTGAGCCTCTCTTTGCAGT- 3’ |
| IRF3               | Forward   | 5’ – CCTGCAACATTTCCACACAGCC- 3’ |
|                    | Reverse   | 5’ – TGGAAATCCATGCCCTCCAC- 3’ |
| MAPK1              | Forward   | 5’ – TCTGTAGGCTGCATTCTGGC- 3’ |
|                    | Reverse   | 5’ – GTCAGCATTTGGGAACAGCC- 3’ |
| MAPK8              | Forward   | 5’ – TAAAGCCAGTCAGGCAGGG- 3’ |
|                    | Reverse   | 5’ – ATGTACGGGTGTTGGAGAGC- 3’ |
| MYD88              | Forward   | 5’ – GCTCATCGAAAAGGGTGCC- 3’ |
|                    | Reverse   | 5’ – GGTTGCGGTAGTGCAGAC- 3’ |
| NFKBIA             | Forward   | 5’ – AAGTGATCCCGGACCTCGAAGG- 3’ |
|                    | Reverse   | 5’ – TGCTCACGCGAAGTGTGATG- 3’ |
| STAT1              | Forward   | 5’ – GGAAGGGGCGCATCATACTTC- 3’ |
|                    | Reverse   | 5’ – GTAGGGTTTCAACCGCATGGA- 3’ |
| STAT3              | Forward   | 5’ – CACCAAGCGAGGCAGTGCAGC- 3’ |
|                    | Reverse   | 5’ – GCCAGACCCAGGAGAGAAAGC- 3’ |
| MYD88 mutation     | Forward   | 5’ – GTTGAAGACTGGGGCTTGTCC- 3’ |
|                    | Reverse   | 5’ – GTCAGGGGTGGTGTAGTC- 3’ |
## Supporting Table 2

84 genes included in RT² Profiler™ PCR array Human Innate & Adaptive Immune Responses (Qiagen).

| APCS   | C3   | CASP1 | CCL2 | CCL5 | CCR4 |
|--------|------|-------|------|------|------|
| CCR5   | CCR6 | CCR8  | CD14 | CD4  | CD40 |
| CD40LG | CD80 | CD86  | CD8A | CRP  | CSF2 |
| CXCL10 | CXCR3| DDX58 | FASLG| FOXP3| GATA3|
| HLA-A  | HLA-E| ICAM1 | IFNA1| IFNAR1| IFNB1|
| IFNG   | IFNGR1| IL10  | IL13 | IL17A| IL18 |
| IL1A   | IL1B | IL1R1 | IL2  | IL23A| IL4  |
| IL5    | IL6  | IL8   | IRAK1| IRF3 | IRF7 |
| ITGAM  | JAK2 | LY96  | LYZ  | MAPK1| MAPK8|
| MBL2   | MPO  | MX1   | MYD88| NFKB1| NFKBIA|
| NLRP3  | NOD1 | NOD2  | RAG1 | RORC | SLC11A1|
| STAT1  | STAT3| STAT4 | STAT6| TBX21| TICAM1|
| TLR1   | TLR2 | TLR3  | TLR4 | TLR5 | TLR6 |
| TLR7   | TLR8 | TLR9  | TNF  | TRAF6| TYK2 |
| ACTB   | B2M  | GAPDH | HPRT1| RPLPO| HGDC |
| RTC    | RTC  | RTC   | PPC  | PPC  | PPC  |