**Table S2. Primer sequences of allele specific PCR, direct sequencing, pyrosequencing and real time PCR for the detection of *JAK*2 V617F mutation**

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| **Methods** | **Primers** | **Sequences (5' to 3')** |
| Direct sequencing | F | 5'-GGGTTTCCTCAGAACGTTGA-3' |
| R | 5'-TCATTGCTTTCCTTTTTCACAA-3' |
| Pyrosequencing | F | 5'-GAAGCAGCAAGTATGATGAGCA-3' |
| R | 5'-TGCTCTGAGAAAGGCATTAGAAA-3' |
| SQ | 5'-TTACTTACTCTCGTCTCCAC-3' |
| Real time PCR [1[9](#_ENREF_9)] | F | 5'-CTTTCTTTGAAGCAGCAAGTATGA-3' |
| Wild-R  Mutation-R | 5'-GTAGTTTTACTTACTCTCGTCTCCACAtAC-3'  5'-GTAGTTTTACTTACTCTCGTCTCCACAtAA-3' |
| Probe | 5'-FAM-TGAGCAAGCTTTCTCACAAGCATTTGGTTT-TAMRA-3' |

F, forward primer; R, reverse primer; SQ, sequencing primer.