**Supplementary file 1. List of primer sequences**

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| Target Name  | Primer Sequence (5’🡪 3’) |
| *Bd* *its1* sense | GCCATATGTCACGAGTCGAA |
| *Bd* *its1* antisense | GCCAAGAGATCCGTTGTCA |
| *gapdh* sense  | GACACTCACTCCTCCATCTTTG |
| *gapdh* antisense | TGCTGTAGCCGCATTCATTA |
| *hdc* sense | GAATCTGAAAGCTGGGAGAGAA |
| *hdc* antisense | GATGTCAGGGCAGGAAAGTAG |
| *il4* sense  | GACATCAAGGACACCTGAAGAA |
| *il4* antisense | GTCACAGGGAATCGGTACTAAAC |
| *mag* sense | GGCCTTTGCAGATGAAGATTTAG |
| *mag* antisense | CTACTGCTTCTGCATCTCGTT |
| *pgla* sense | CTGCACTCTGTGCAACCATAA |
| *pgla* antisense | CTCCAGCTTTAGATGCCATTCC |