

**Table S1**

Gene/fragment	5'-3' sequences of primers forward/reverse	length of amplicon	annealing temperature
<i>LY49</i> universal 5'UTR-exon2	ACCTTGTTGTTGGGTCAGCT/ CAGAGRATCCCAAGAGTCACTAC	app.2950- 3200bp	65°C
<i>LY49B</i> exon 1	AGACATGAGCAATCARGAAGT/ TGTATATTCTAGTTACCGTCTAGTTATAAGT	553 bp	61°C
<i>LY49C</i> exon 1	AGACATGAGCAATCARGAAGT/ ATTCATTAATTTGGAGAAATGGAGA	305 bp	61°C
<i>LY49D</i> exon 1	AGACATGAGCAATCARGAAGT/ TTTGATTTCTCATTCTTTAAGACTTATG	718 bp	61°C
<i>LY49E</i> exon 1	AGACATGAGCAATCARGAAGT/ GAGCAGGCCAAACTGTAATC	422 bp	61°C
<i>LY49F</i> exon 1	AGACATGAGCAATCARGAAGT/ AACCTAGACGGCCAAAGCAG	427 bp	61°C
<i>LY49</i> exon4-exon6	TGGTCCTGTTGTGGAGTAAACTG/ according to gene; see exon 6 reverse primers	various max.5,6kb	60°C
<i>LY49B</i> exon 5	GGAAGGTTTTCTAGGAAGGAAG/ TCTTACCAGTGACGTCTGCTT	377 bp	58°C
<i>LY49C</i> exon 5	AAGAGAAGGTTTTTTAGGAAGGAGT/ CTTATTCTTGCCAACGA ACTCTACT	387 bp	61°C
<i>LY49D</i> exon 5	AGAGAAGGTTTTTTAGGAAGGAGG/ CGTATTCTTACCAATGACCTCTACCT	389 bp	58°C
<i>LY49E</i> exon 5	AAGAGAAGGTTTTTTAGGAAGGAGT/ CTTATTCTTGCCAATGAACTCTACC	388 bp	61°C
<i>LY49F</i> exon 5	GAGAGAAGGTTTTCTAGGAAGGAGA/ CTTATTCTTACCAATGACCTCTGCTTC	388 bp	58°C
<i>LY49B</i> exon 6	GGTGTGATCAGGAGGCTGTTA/ AGGGCCATTAAAGAGATGGGA	577 bp	61°C
<i>LY49C</i> exon 6	GGGTGTGATCAGAAGGCTGT/ CAGGGCCATTAAAGAGAAGAGC	583 bp	61°C
<i>LY49D</i> exon 6	GTGTGATCAGGAGGCTGTG/ TTTCTCAGGGTCGTTAGAGAGT	586 bp	61°C
<i>LY49E</i> exon 6	GGGTGTGATCAGAAGGCTGT/ CAGGGCCATTAAAGAGAAGGGC	583 bp	61°C
<i>LY49F</i> exon 6	GGAAGATTATGGGTGTGATCAAT/ TTTGCAGGGTCATTAAAGAGAGG	601 bp	61°C