

Additional File 2: List of primers used for the verification of any genomic or RNA contamination in sample.

| Gene | Accession numbers | Primer Sequence (5'-3') | Product size (bp) | |
|-------------|-------------------|---|-------------------|-----------|
| | | | cDNA | gDNA |
| <i>ACTB</i> | DQ661647 | Forward 5'CAGATCATGTTTCGAGACCTTCAA3' Reverse 5'GATGATCTTGATCTTCATTGTGCTG3' | 630 | 720 |
| <i>PRM1</i> | NM_174156 | Forward 5'AGATACCGATGCTGCCTCAC3' Reverse 5'GTGGCATGTTCAAGATGTGG3' | 234 | 334 |
| <i>CD45</i> | AJ400864 | Forward GACATCGCAGTGTTTGTTC Reverse GGAGGTTACATTCCTCTCG | 229 | Undefined |
| <i>CDH1</i> | NM_001002763 | Forward TCTACAGCATCACTGGCCAACGAGCTG Reverse TGCTTGGACCATCAGGGTGTATGTGGG | 476 | Undefined |

*The primers for *ACTB* were designed by us, however, for *CD45* and *CDH1* genes were considered from Lalancette *et al.* These primers also spanned several introns but their positions were not defined.