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| Southern blot probe | Primer Sequence |
| S1 probe  (for SERA1) | Forward primer: 5’-CTGTACCGGGAAACTCTGATC-3’ |
| Reverse primer: 5’-ATCAGAATCAGATATGGTTGGC-3’ |
| S2 probe  (for SERA2) | Forward primer: 5’-TCTTCGGATTCTTCTGATGTAAC-3’ |
| Reverse primer: 5’-TAACGTTATTTTTAGAATCTACGC-3’ |