| Gene name | GenBank accession | GeneGlobe ID | Amplified exons | Amplicon length (pb) |
|-----------|-------------------|--------------|-----------------|---------------------|
| TMPRSS2   | NM_001135099      | QT00058156   | 10/11           | 134                 |
| KLK3      | NM_001030047      | QT00027713   | 2/3             | 129                 |
| ITGA3     | NM_002204         | QT00047404   | 23/24           | 77                  |
| HDAC9     | NM_001204144      | QT00039333   | 4/5             | 92                  |
| COL16A1   | NM_001856         | QT00057435   | 66/67/68        | 94                  |
| SMARCD3   | NM_001003801      | QT00069181   | 12/13           | 126                 |
| ITGB4     | NM_000213         | QT00049147   | 2/3/4           | 102                 |
| HMBS      | NM_000190         | QT00014462   | 7/8/9           | 107                 |

**Table S1.** List of primers used for RT-qPCR