|  |  |
| --- | --- |
| **Probe names** | **Gene specific sequence - detection probe specific sequence** |
| hsHR2X-ACE2-1719 | aatgctagggtccagggttc TTATACGTCGAGTTGAACGTCGTAACA |
| hsHL2X-ACE2-1719 | TAGCGCTAACAACTTACGTCGTTATG tgattttccaagcctcagca |
| hsHR2X-ACE2-58 | agcagttacagcaacaaggc TTATACGTCGAGTTGAACGTCGTAACA |
| hsHL2X-ACE2-58 | TAGCGCTAACAACTTACGTCGTTATG tgagaaggagccaggaagag |
| hsHR2X-ACE2-1457 | ctcgcttcatctcccaccac TTATACGTCGAGTTGAACGTCGTAACA |
| hsHL2X-ACE2-1457 | TAGCGCTAACAACTTACGTCGTTATG tttttcatccactggtcttt |
| hsHR2X-ACE2-2872 | atgcatgccattctcaatcc TTATACGTCGAGTTGAACGTCGTAACA |
| hsHL2X-ACE2-2872 | TAGCGCTAACAACTTACGTCGTTATGttgcagctacaccagttccc |
| hsHR2X-ACE2-1038 | actgctttctgaacatttcc TTATACGTCGAGTTGAACGTCGTAACA |
| hsHL2X-ACE2-1038 | TAGCGCTAACAACTTACGTCGTTATGtgggtccgttagcatggaat |

**Supplementary File 2.** Encoding probe sequences for proximity ligation RNA fluorescence *in situ* hybridization.