

Supplementary Table 1: Primer sequences, amplicon sizes and PCR conditions used for the amplification of the *ACE(I/D)*, *ACE2* exons, rs2106809(C/T) and rs2285666 (G/A) polymorphisms

| <i>ACE/ACE</i> 2 region | Primer Name | Primer sequences '5-3' | Product Length(bp) | Cycling Conditions |
|----------------------------------|----------------|------------------------------------|-----------------------|--|
| Intron 16 (I/D) | ACE2 I/D F | CTG GAG ACC ACT CCC ATC CTT TCT | 490 | 94°C for 5mins;45 cycles of (94°C 20 secs, 58°C 30 secs, 72°C 45 secs); 72°C for 5 mins |
| | ACE2- I/D R | GAT GTG GCC ATC ACA TTC GTC AGA | | |
| Intron 1 (C/T) | ACE2- A-F | GAA AGC CAG ATG CTT TAA CAA | 207 | 95°C for 5mins; 45 cycles of (95°C 50 secs, 55°C 50 secs, 72°C 20 sec); 72°C for 8 mins |
| | ACE2- A-R | TTT TTC CAT ATC TCT ATC TGA TCG | | |
| Intron 3 (G/A) | ACE2- C/T-F | CAT GTG GTC AAA AGG ATA TC | 466 | 95°C for 1min; 35 cycles of (95°C 30 secs, 51°C 30secs, 72°C 45secs); 72°C for 7 mins |
| | ACE2- C/T-R | AAA GTA AGG TTG GCA GAC AT | | |
| Exon 1 | Exo1-F | ATG TGA TCT TGG CTC ACA GGG | 280 | 95°C for 5mins; 45 cycles of (95°C 30 secs, 58°C 1 min, 72°C 1 min); 72°C for 5 mins |
| | Exo1-R | TCA GTT TCA CGG GCA GTA AT | | |

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| Exon 2 | ACE2- 2F | GGC CAT AAA GTG ACA GGA GAG GTA AG | 606 | 95°C for 5 mins; 45 cycles of (95°C 30 secs, 60°C 1 min, 72 °C 1 min); 72 °C for 5mins |
| | ACE2- 2R | GGG ATA TGG AGG CAA ACA TCC AAT CTC | | |
| Exon 3 | ACE2- 3F | GTG GCC TGG TCA CTC TTA ACC TAA AC | 475 | 95°C for 5 mins; 45 cycles of (95°C 30 secs, 57 °C 1 min, 72 °C 1 min); 72 °C for 5 mins |
| | ACE2- 3R | GGA CAC CTT ACC TAG GCA TAG AGA G | | |
| Exon 4 | ACE2- 4F | GTG CTT ATA GTA CTT TGT GCT AGT CGA C | 937 | 94°C for 5 mins; 45 cycles of (94°C 30 secs, 56°C 1 min, 72 °C 90 secs); 72 °C for 5mins |
| | ACE2- 5R | GAG GAC ATG ATT GTT AAT TGA GGG GTA TC | | |