15 ACE2 eQTL variants in Kuwait, Iran and Qatar.

| dbSNP     | gene                  | GME | Kuwait Allele | Iranome | Qatar | AFR |
|-----------|-----------------------|-----|---------------|---------|-------|-----|
| **A. eQTL variants downregulating ACE2 expression** | | | | | | |
| rs112171234 | ACE2 (exonic)/BMX (intrinsic) | NA | NA | NA | 0.057 | 0.212 |
| rs75979613 | FANCB (exonic)        | NA | NA | NA | 0.011 | 0 |
| **B. eQTL variants upregulating ACE2 expression** | | | | | | |
| rs12010448 | MOSPD2,ASB9 (intergenic) | NA | NA | NA | 0.03 | 0.126 |
| rs4646127  | ACE2 (intron)         | NA | NA | NA | 0.579 | 0.824 |
| rs5936029  | CA5BP1-CA5B (intron)  | NA | NA | NA | 0.488 | 0.901 |
| rs6632704  | CLTRN(intron)         | NA | NA | NA | 0.409 | 0.519 |
| rs1996225  | CA5BP1-CA5B(intron)   | NA | NA | 0.4217 | 0.386 | 0.566 |
| rs6629110  | ?                     | NA | NA | NA | 0.409 | 0.446 |
| rs2158082  | ?                     | NA | 0.5133 | NA | 0.545 | 0.973 |
| rs4830974  | CLTRN                 | NA | 0.4723 | NA | 0.477 | 0.745 |
| rs5936011  | CLTRN                 | NA | NA | NA | 0.5 | 0.902 |
| rs4060     | CA5BP1-CA5B           | NA | 0.0418 | 0.5019 | 0.443 | 0.692 |
| rs4830983  | CA5BP1-CA5B           | NA | NA | NA | 0.511 | 0.975 |
| EUR | EAS | SAS | AMR | ChinaMAP |
|-----|-----|-----|-----|----------|
| 0   | 0   | 0   | 0.03| NA       |
| 0.01| 0   | 0   | 0   | 0.00005 |
| 0   | 0   | 0   | 0.01| NA       |
| 0.65| 0.99| 0.8 | 0.75| 0.9967   |
| 0.52| 0.98| 0.79| 0.71| 0.987    |
| 0.53| 0.93| 0.69| 0.67| 0.9428   |
| 0.45| 0.74| 0.42| 0.45| 0.7512   |
| 0.53| 0.95| 0.7 | 0.67| 0.955    |
| 0.99| 0.78| 0.73| 0.9953|
| 0.52| 0.93| 0.69| 0.69| 0.9927   |
| 0.53| 0.98| 0.78| 0.71| 0.987    |
| 0.53| 0.93| 0.69| 0.69| 0.939    |
| 0.53| 0.98| 0.78| 0.73| 0.987    |