**Table S4.** The primers used in ChIP-real time qPCR are listed as follows.

|  |  |
| --- | --- |
| Primer Name | Sequence 5’-3’ |
| PSA-P Forward | GCCTGGATCTGAGAGAGATATCATC |
| PSA-P Reverse | ACACCTTTTTTTTTCTGGATTGTTG |
| TMPRSS2-P Forward | GGTAAACTCTCCCTGCCACA |
| TMPRSS2-P Reverse | TACTCCAGGAAGTGGGGATG |
| OPRK1-P Forward | CTGCTCCTGGCATTATCCTC |
| OPRK1-P Reverse | TGTGGCTCTCAGCAGGAAGT |
| Negative control F | GTAATCAGGAAACTGCATAC |
| Negative control R | CTCAAGACTCAATAGTGATC |