|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|   |   |   |   |   | **ancestral allel**  | **BxPC-3**  | **JoPaca-1**  |
| **location (GRCh37)** | **rs number**  | **source** | **associated gene(s)** | **type** | **mut** | **wt** | **% mut** | **mut** | **wt** | **% mut** |
| 1:190531999 | rs814951 | Inn | gene desert | intergenic | C |  | 23\*C | 0 | 29\*T |  | 100 |
| 11:122589092 | rs10736526 | Inn | UBASH3B | intergenic | T | 17\*C | 17\*T | 50 | 30\*C |  | 100 |
| 12:32436409 | rs708224 | Low | BICD1 | intronic | A | 29\*G |  | 100 | 23\*G |  | 100 |
| 13:73896221 | rs9564966 | Pet | gene desert | intergenic | A |  | 22\*A | 0 | 19\*G |  | 100 |
| 14:103539669 | rs7149097 | Inn | gene desert | intergenic | A | 58\*G |  | 100 | 25\*G |  | 100 |
| 15:36654597 | rs8028529 | Pet, Riz | gene desert | intergenic | C | 24\*T |  | 100 | 23\*T |  | 100 |
| 16:13822359 | rs179619 | Inn | gene desert | intergenic | C | 24\*T |  | 100 | 13\*T |  | 100 |
| 16:49956194 | rs4785367 | Inn | gene desert | intergenic | T | 21\*C |  | 100 | 26\*C |  | 100 |
| 2:101922170 | rs6711606 | Low | RNF149 | intronic | T | 23\*G |  | 100 | 16\*G |  | 100 |
| 2:105378957 | rs12615966 | Low | LOC284998 | intergenic | C | 6\*T | 6\*C | 50 | 26\*C |  | 100 |
| 2:137555224 | rs1427593 | Low | THSD7B | intergenic | T | 9\*C | 13\*T | 41 | 18\*C |  | 100 |
| 2:235615197 | rs6736997 | Low | ARL4C | intergenic | A | 6\*C | 4\*A | 60 | 16\*C |  | 100 |
| 5:110631265 | rs306104 | Inn | CAMK4 | intronic | T | 19\*C |  | 100 | 12\*C |  | 100 |
| 5:2109901 | rs6879627 | Low | LOC731559 | intergenic | T | 30\*C |  | 100 | 45\*C |  | 100 |
| 6:1340189 | rs9502893 | Low | FOXQ1 | intergenic | C | 58\*T |  | 100 | 19\*T |  | 100 |
| 6:162236075 | rs3016539 | Low | PARK2 | intronic | C | 10\*T | 11\*C | 48 | 17\*T |  | 100 |
| 8:38469303 | rs7832232 | Low | RNF5P1 | intergenic | A |  | 22\*A | 0 | 32\*G |  | 100 |
| 9:136149722 | rs630014 | Pet | ABO | intronic | A | 25\*G |  | 100 | 9\*G |  | 100 |
| 5:1322087 | rs401681 | Pet, Low | CLPTM1L, TERT | intronic | C | 25\*T | 33\*C | 43 | 48\*T | 1\*G | 98 |
| 5:1308552 | rs4635969 | Pet | CLPTM1L, TERT, MIR4457 | close to miRNA | G |  | 37\*G | 0 | 16\*A | 1\*T | 94 |
| 2:118879253 | rs1808458 | Inn | gene desert | intergenic | C | 16\*C |  | 100 | 14\*T | 1\*C | 93 |
| 3:59434420 | rs1910236 | Inn | gene desert | intergenic | G | 13\*A | 10\*G | 57 | 12\*A | 1\*G | 92 |
| 5:176165086 | rs490332 | Inn | gene desert | intergenic | A | 24\*G |  | 100 | 11\*G | 1\*A | 92 |
| 12:2091257 | rs11062040 | Inn | DCP1B | intronic | C | 11\*T | 7\*C | 61 | 13\*T | 2\*C | 87 |
| 17:70407856 | rs3744311 | Inn | gene desert | intergenic | C |  | 27\*C | 0 | 13\*T | 4\*C | 76 |
| 16:79044649 | rs2550731 | Inn | WWOX | intronic | G | 19\*C | 18\*G | 51 | 13\*T 1\*A | 5\*G | 74 |
| 8:124765702 | rs10088262 | Low | FAM91A1 | intergenic | A | 27\*G |  | 100 | 13\*A | 9\*G | 59 |
| 7:155619733 | rs167020 | Pet | SHH | intergenic | A | 18\*G | 8\*A  | 69 | 7\*G | A\*5 | 58 |
| 13:73916628 | rs9543325 | Low | gene desert | intergenic | C |  | 46\*C | 0 | 20\*T | 22\*C | 48 |
| 13:73932114 | rs1886449 | Low | LOC730242 | intergenic | C |  | 37\*C | 0 | 7\*C | 9\*T | 44 |
| 7:155615627 | rs172310 | Pet | SHH | intergenic | A | 26\*C 1\*G | 26\*A | 51 | 9\*C | 11\*A 1\*G | 43 |
| 10:103113035 | rs10883617 | Inn | BTRC | intergenic | T | 14\*C |  | 100 | 6\*C | 9\*T | 40 |
| 22:24990213 | rs4820599 | Die | GGT1 | intronic | A |  | 36\*A | 0 | 9\*G | 23\*A | 28 |
| 17:30877658 | rs225190 | Low | MYO1D | intronic | C |  | 15\*C | 0 | 5\*T | 14\*C | 26 |
| 13:66481815 | rs1585440 | Low | LOC387933 | intergenic | G | 5\*T | 4\*G | 56 |  | 37\*G | 0 |
| 17:18753870 | rs4924935 | Low | PRPSAP2 | intronic | C | 29\*T | 1\*C | 97 |  | 23\*C | 0 |
| 7:153625843 | rs6464375 | Low | DPP6 | intronic | C | 19\*T |  | 100 |  | 21\*C | 0 |
| 9:136139265 | rs657152 | Pet | ABO | intronic | C | 23\*A |  | 100 |  | 12\*C | 0 |
| 9:136149229 | rs505922 | Pet, Low | ABO | intronic | T | 46\*C |   | 100 |   | 20\*T | 0 |