**Supplementary table.- List of genes located within the 2.5 Mb region of homozygosity at chromosome 10p**

|  |  |
| --- | --- |
| **Gene** | **Associated phenotype in humans** |
| AKR1E2 | None |
| AKR1C1 | None |
| AKR1C2 | 46,XY sex reversal |
| AKR1C3 | Polycystic ovary syndrome |
| AKR1C4 | 46,XY sex reversal (modifier) |
| UCN3 | None |
| TUBAL3 | None |
| NET1 | None |
| CALML5 | None |
| CALML3 | None |
| ASB13 | None |
| FAM208B | None |
| GDI2 | None |
| ANKRD16 | None |
| FBXO18 | None |
| IL15RA | None |
| IL2RA | Immunodeficiency with lymphoproliferation and autoimmunity |
| RBM17 | None |
| PFKFB3 | None |
| PRKCQ | None |