**Table S3. PANTHER functional classification of genes located in the consensus ROH.** Gene lists of genes located in the consensus ROH depending in the length of said ROHs were investigated with the PANTHER functional classification tool. The percentage of genes attributed to a particular biological process are stated.

|  |  |
| --- | --- |
|  | Amount of genes in the consensus ROH attributed to the biological processes |
|  | Consensus ROH length category in SNPs |
| Biological processes  | 10 SNP | 20 SNP | 30 SNP | 40 SNP |
| cellular component organization or biogenesis (GO:0071840) | 4.8% | - | - | - |
| cellular process (GO:0009987) | 66.7% | 54.5% | 54.5% | 66.7% |
| localization (GO:0051179) | 4.8% | - | - | - |
| reproduction (GO:0000003) | 4.8% | - | - | - |
| biological regulation (GO:0065007) | 14.3% | 9.1% | 9.1% | 16.7% |
| response to stimulus (GO:0050896) | 14.3% | 9.1% | 9.1% | - |
| developmental process (GO:0032502) | 14.3% | 9.1% | 9.1% | - |
| biological adhesion (GO:0022610) | 4.8% | 9.1% | 9.1% | - |
| multicellular organismal process (GO:0032501) | 9.5% | 9.1% | 9.1% | - |
| metabolic process (GO:0008152) | 38.1% | 36.4% | 36.4% | 16.7% |