**Table S4**.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Traits |  | QTL (*Chr:cM*) | SLB*inv* | NLB |
| LES*inv* |  | *3:96.21* | 0.51\*\*\* | - |
| *9:28.82* | -0.60\*\* | *-* |
| HTR |  | *9:29.02* | -0.61\*\* | - |
| SWR |  | *1:34.6* | - | 0.44\* |
| *9:28.42* | -0.51\* |  |
| *7:74.4* | 0.40\* | 0.35# |
| DTAR |  | - | - | - |
| - | - | - |