**Table S1. Selected BACs with *ScTHI1* presence.** Features of BACs and *ScTHI1* CDS size by SAS probe.

|  |  |  |  |
| --- | --- | --- | --- |
| **Probe** | **SHCRBa BAC name** | **BAC size (bp)** | ***ScTHI1* CDS size (bp)** |
| **SAS1\_*ScTHI1*** | 021\_C22 | 135,265 | 1,068 |
| 045\_A10 | 145,524 | 1,068 |
| 086\_A19 | 101,298 | 1,068 |
| 093\_A03 | 139,698 | 1,068 |
| 107\_N16 | 87,694 | 1,068 |
| 108\_C04 | 101,728 | 1,068 |
| 134\_H07 | 97,816 | 1,068 |
| 145\_O03 | 157,314 | 1,068 |
| 149\_E16 | 164,894 | 1,068 |
| **SAS2\_*ScTHI1*** | 017\_B18 | 131,240 | 1,059 |
| 030\_H05 | 141,404 | 1,059 |
| 092\_F09 | 85,055 | 1,059 |
| 251\_N23 | 130,963 | 1,059 |
| 094\_O04 | 102,271 | 1,056 |
| 109\_G13 | 100,204 | 1,056 |
| 183\_N05 | 129,178 | 1,056 |
| 184\_H17 | 115,565 | 1,056 |
| 190\_F02 | 105,074 | 1,056 |
| 222\_C03 | 138,508 | 1,056 |