**Table S2.** Summary of the satellite repeat structure and organization in the genome of different species of *Vaccinium.* (HOR = higher order repeat structure of satellite monomer).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Satellite name | Species with HOR pattern | Subunit composition of HOR pattern | Subunit length (bp) | |
| VaccSat1 | *V. corymbosum* | S1-1 + S1-2 + S2 | S1-1 | 26-27 |
| S1-2 | 27-28 |
| S2 | 85-96 |
| *V. arctostaphylos* | S1-1 + S1-2 + S2 | S1-1 | 26-27 |
| S1-2 | 27-28 |
| S2 | 39-94 |
| *V. myrtillus* | S1-1 + S1-2 + S2 | S1-1 | 26-27 |
| S1-2 | 27-28 |
| S2 | 83-94 |
| *V. uliginosum* | S1-1 + S1-2 + S2 | S1-1 | 26-27 |
| S1-2 | 27-28 |
| S2 | 92-95 |
| VaccSat2 | *V. corymbosum* | S1 + S2 | S1 | 119 |
| S2 | 116-118 |
| *V.arctostaphylos* | S1 + S2 | S1 | 119-120 |
| S2 | 81-120 |
| *V. myrtillus* | S1 + S2 | S1 | 88-138 |
| S2 | 79-122 |
| *V. uliginosum* | S1 + S2 | S1 | 117-121 |
| S2 | 85-118 |
| VaccSat3 | *--* | -- | -- | -- |
| VaccSat5 | *V. corymbosum* | S1 + S2 | S1 | 10 |
| S2 | -- |
| *V. arctostaphylos* | S1 + S2 | S1 | 10 |
| S2 | 26-29 |
| *V. myrtillus* | S1 + S2 | S1 | 10 |
| S2 | 26 |
| VaccSat6 | *V. corymbosum* | S1 + S2 | S1 | 17 |
| S2 | -- |
| *V. arctostaphylos* | S1 + S2 | S1 | 17 |
| S2 | 26-32 |
| *V. myrtillus* | S1 + S2 | S1 | 17 |
| S2 | 29 |
| VaccSat7 | *--* | -- | -- | --T |