**Supplementary Table 6. Genomic locations and structural features of PQS-long chain regions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PQS-long chain | Start | End | Length | Structural characteristics |
| PQS1 | 3091 | 3276 | 186 nt | high SHAPE-high Shannon |
| PQS2 | 10924 | 11087 | 164 nt | Low SHAPE-low Shannon |
| PQS3 | 12200 | 12590 | 391 nt | Low SHAPE-low Shannon |
| PQS4 | 12336 | 12588 | 253 nt | Low SHAPE-low Shannon |
| PQS6 | 23429 | 23536 | 108 nt | Low SHAPE-low Shannon |