**Table S1.**Shell measurement of *Patelloida parva* n. sp. samples and museum archives

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Museum ID | Sample ID | Town | Prefecture | Length (mm) | Width (mm) | Height (mm) | Remarks | Haplotype number | GenBank number |
| RM34046 | PS078WAK | Kushimoto | Wakayama | 14.2 | 11.8 | 6.7 | Figure 3a (Paratype 1) | HAP2 | OP532866 |
| RM34047 | PS079WAK | Kushimoto | Wakayama | 9.4 | 7 | 2.7 |  | HAP2 | OP532867 |
| RM34048 | PS080WAK | Kushimoto | Wakayama | 11.6 | 9.3 | 3.2 | Figure 3b (Paratype 2) | HAP2 | OP532868 |
| RM34049 | PS285WAK | Kushimoto | Wakayama | 14.4 | 9.8 | 4.2 | Figure 3c(Paratype 5) | HAP2 | OQ999915 |
| RM34050 | PS286WAK | Kushimoto | Wakayama | 12.5 | 8.1 | 3.5 | Figure 3d | HAP2 | OQ999906 |
| RM34051 | PS287WAK | Kushimoto | Wakayama | 13.9 | 8.9 | 3.6 | Figure 3e | HAP2 | OQ999920 |
| RM34052 | PS288WAK | Kushimoto | Wakayama | 13 | 10.2 | 3.1 | Figure 3f | HAP2 | OQ999916 |
| RM34053 | PS289WAK | Kushimoto | Wakayama | 15.5 | 12.4 | 4 |  | HAP1 | OQ999925 |
| RM34054 | PS290WAK | Kushimoto | Wakayama | 16.5 | 11.9 | 4.4 | Figure 3g | HAP2 | OQ999914 |
| RM34055 | PS291WAK | Kushimoto | Wakayama | 12.5 | 10.1 | 4.2 | Figure 3h | HAP2 | OQ999908 |
| RM34056 | PS292WAK | Kushimoto | Wakayama | 13.2 | 9.1 | 4.3 | Figure 3i | HAP3 | OQ999927 |
| RM34063 | PS304WAK | Kushimoto | Wakayama | 9.9 | 6.6 | 1.8 | Figure 3j | HAP2 | OQ999912 |
| RM34064 | PS305WAK | Kushimoto | Wakayama | 14.1 | 9.5 | 3 | Figure 3k | HAP2 | OQ999913 |
| RM34065 | PS306WAK | Kushimoto | Wakayama | 12.2 | 8.6 | 3.9 | Figure 3l(Paratype 6) | HAP2 | OQ999918 |
| RM34066 | PS307WAK | Kushimoto | Wakayama | 13.8 | 11 | 4.1 | Figure 3m | HAP2 | OQ999911 |
| RM34067 | PS308WAK | Kushimoto | Wakayama | 11.3 | 8.5 | 2.9 | Figure 3n | HAP2 | OQ999909 |
| RM34068 | PS309WAK | Kushimoto | Wakayama | 11.7 | 8.4 | 3.2 | Figure 3o | HAP2 | OQ999926 |
| RM34069 | PS310WAK | Kushimoto | Wakayama | 11.3 | 8.9 | 2.9 |  | HAP2 | OQ999923 |
| RM34070 | PS311WAK | Kushimoto | Wakayama | 9.8 | 8.5 | 2.1 |  | HAP2 | OQ999922 |
| RM34073 | PS314WAK | Kushimoto | Wakayama | 10.4 | 7.3 | 2.1 |  | HAP2 | OQ999910 |
| RM34074 | PS315WAK | Kushimoto | Wakayama | 11.7 | 7.8 | 3.4 | Figure 3p (Holotype) | HAP2 | OQ999921 |
| RM34075 | PS316WAK | Kushimoto | Wakayama | 10.8 | 7.2 | 2.4 |  | HAP2 | OQ999907 |
| RM34061 | PS302KCH | Kashiwajima | Kochi | 13.7 | 12.8 | 4.5 | Figure 3q(Paratype 3) | HAP2 | OQ999917 |
| RM34062 | PS303KCH | Kashiwajima | Kochi | 11.5 | 10.2 | 4.4 | Figure 3r(Paratype 4) | HAP2 | OQ999924 |
| NMNS-39583 | NMNS-39583 | Tokunoshima, Amami | Kagoshima | 10.4 | 9.4 | 4.3 | Figure S1a |  |  |
| NMNS-38183 | NMNS-38183 | Kakeromajima, Amami | Kagoshima | 15.8 | 13.7 | 5 | Figure S1b |  |  |
| NMNS-MO-39729a | NMNS-MO-39729a | Tatsukushi | Kochi | 16.8 | 14.3 | 5.7 | Figure S1c |  |  |
| NMNS-39586 | NMNS-39586 | Tatsukushi | Kochi | 13.8 | 10.8 | 5.6 | Figure S1d |  |  |
| NMNS-MO-45880a | NMNS-MO-45880a | Shionomisaki | Wakayama | 13.9 | 10.6 | 6 | Figure S1e |  |  |
| NMNS-MO-115306 | NMNS-MO-115306 | Susami | Wakayama | 13.5 | 11.2 | 6.1 | Figure S1f |  |  |
| NMNS-MO-39588a | NMNS-MO-39588a | Shirahama | Wakayama | 14.9 | 10.8 | 6.8 | Figure S1g |  |  |

Abbreviation: NMNS – National Museum of Nature and Science