**Supplementary Table 1 –** Full study sample with information on each specimen and their accessory cusp scores. Tooth position, site and taxonomy information is given for all specimens in the sample, along with accessory cusp scores. Specimens highlighted in grey are those that are not included in statistical analyses, but are included in the Supplementary Index, these specimens are either antimeres of specimens that are included, or are those where we could not be sure of the cusp assignments.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Specimen** | **Tooth** | **Position basisa** | **Site/Origin** | **Taxonomy** | **Source** | **Scan distinctionb** | **LAC** | | | **DAC** | | |
| **Int** | **Med** | **Ent** | **Int** | **Ent** | **Hld** |
| DNH 60B | RM1 | 1 | Drimolen | *P. robustus* | 1 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| DNH 60C | RM2 | 1 | Drimolen | *P. robustus* | 1 | Good | 0 | 0 | 0 | 2 | 0 | 0 |
| DNH 75 | RM3 | 3 | Drimolen | *P. robustus* | 1 | Good | 0 | 0 | 0 | 2 | 0 | 0 |
| SK 1 | LM2 | 2 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| SK 5 | LM2 | 3 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 0 | 0 | 1 |
| SK 6 | LM1 | 1 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| SK 6 | RM2 | 1 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| SK 6 | RM3 | 1 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 1 | 0 | 1 |
| SK 22 | RM3 | 3 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 1 | 0 | 0 | 1 | 0 | 0 |
| SK 23 | LM1 | 1 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| SK 23 | LM2 | 1 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| SK 23 | LM3 | 1 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| SK 25 | LM1 | 1 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| SK 25 | RM2 | 1 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 3 | 0 | 0 |
| SK 61 | RM1 | 1 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 0 | 0 | 1 |
| SK 75 | RM3 | 2 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| SK 104 | RM1 | 3 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| SK 828 | LM1 | 3 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| SK 841B | LM3 | 3 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | ? | ? | ? | ? | ? | ? |
| SK 843 | LM1 | 1 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| SK 843 | LM2 | 1 | Swartkrans Mb. 1 | *P. robustus* | 2 | Good | 0 | 0 | 0 | 1 | 0 | 1 |
| KNM-ER 6080 | LM1 | 3 | Okote Mb., Koobi Fora | *P. boisei* | 3, 4 | Moderate | 0 | 0 | 0 | 1 | 0 | 0 |
| KNM-ER 15930 | LM1 | 1 | KBS Mb., Koobi Fora | *P. boisei* | 5, 6 | Good | 0 | 0 | 0 | 0 | 0 | 1 |
| KNM-ER 15930 | LM2 | 1 | KBS Mb., Koobi Fora | *P. boisei* | 5, 6 | Good | 0 | 0 | 0 | 0 | 0 | 1 |
| KNM-ER 15930 | LM3 | 1 | KBS Mb., Koobi Fora | *P. boisei* | 5, 6 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| KNM-ER 25520 | LM2 | 1 | KBS Mb., Ileret | *P. boisei* | 7 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| KNM-ER 25520 | LM3 | 1 | KBS Mb., Ileret | *P. boisei* | 7 | Good | 0 | 1 | 0 | 1 | 1 | 0 |
| A.L. 145-35 | LM1 | 1 | Hadar | *A. afarensis* | 8 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| A.L. 145-35 | LM2 | 1 | Hadar | *A. afarensis* | 8 | Good | 1 | 0 | 0 | 1 | 0 | 0 |
| A.L. 188-1 | RM2 | 1 | Hadar | *A. afarensis* | 8 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| A.L. 188-1 | RM3 | 1 | Hadar | *A. afarensis* | 8 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| A.L. 241-14 | LM2 | 3 | Hadar | *A. afarensis* | 8 | Good | 0 | 1 | 0 | 0 | 0 | 0 |
| A.L. 266-1 | LM1 | 1 | Hadar | *A. afarensis* | 8 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| A.L. 266-1 | RM2 | 1 | Hadar | *A. afarensis* | 8 | Good | 0 | 0 | 0 | 0 | 0 | 1 |
| A.L. 266-1 | RM3 | 1 | Hadar | *A. afarensis* | 8 | Moderate | 0 | 0 | 0 | 1 | 0 | 0 |
| A.L. 288-1 | RM1 | 1 | Hadar | *A. afarensis* | 9 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| A.L. 288-1 | RM2 | 1 | Hadar | *A. afarensis* | 9 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| A.L. 288-1 | RM3 | 1 | Hadar | *A. afarensis* | 9 | Good | 1 | 0 | 0 | 2 | 0 | 0 |
| A.L. 330-5 | RM1 | 1 | Hadar | *A. afarensis* | 10 | Moderate | 0 | 0 | 0 | 0 | 0 | 0 |
| A.L. 330-5 | RM2 | 1 | Hadar | *A. afarensis* | 10 | Moderate | 0 | 0 | 0 | 0 | 0 | 0 |
| A.L. 330-5 | RM3 | 1 | Hadar | *A. afarensis* | 10 | Moderate | 1 | 0 | 0 | 1 | 0 | 0 |
| A.L. 330-7 | LM1 | 1 | Hadar | *A. afarensis* | 10 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| A.L. 333w-1a | LM1 | 1 | Hadar | *A. afarensis* | 8 | Moderate | 0 | 0 | 0 | 1 | 0 | 0 |
| A.L. 333w-1a | LM2 | 1 | Hadar | *A. afarensis* | 8 | Moderate | 0 | 0 | 0 | 0 | 0 | 0 |
| A.L. 417-1a | LM1 | 1 | Hadar | *A. afarensis* | 11 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| A.L. 417-1a | LM2 | 1 | Hadar | *A. afarensis* | 11 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| A.L. 440-1 | LM2 | 1 | Hadar | *A. afarensis* | 10 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| A.L. 443-1 | LM2 | 1 | Hadar | *A. afarensis* | 10 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| Sts 9 | RM1 | 3 | Sterkfontein Mb. 4 | *A. africanus* | 2 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| Sts 59 | LM3 | 3 | Sterkfontein Mb. 4 | *A. africanus* | 12 | Good | 0 | 1 | 1 | 1 | 0 | 0 |
| StW 3 | LM2 | 2 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 1 | 0 | 2 | 0 | 1 |
| StW 145 | RM1 | 2 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| StW 213 | LM2 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| StW 280 | RM3 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 1 | 0 | 1 |
| StW 291 | RM1 | 3 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| StW 308 | RM2 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| StW 309A | RM1 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| StW 412A | RM2 | 2 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 1 | 0 | 0 | 0 | 0 |
| StW 421A | RM1 | 2 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| StW 424 | LM2 | 2 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| StW 491 | LM2 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| StW 491 | LM3 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 2 | 0 | 0 |
| StW 520 | RM3 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 0 | 0 | 2 |
| StW 529 | LM3 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 1 | 0 | 1 | 0 | 0 |
| StW 537 | LM1 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| StW 537 | LM2 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| StW 537 | LM3 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 0 | 0 | 1 | 0 | 1 |
| StW 560A | RM3 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 1 | 1 | 0 | 2 | 0 | 0 |
| StW 560E | RM2 | 1 | Sterkfontein Mb. 4 | *A. africanus* | 13 | Good | 0 | 1 | 0 | 1 | 0 | 0 |
| TM 1520 | LM3 | 3 | Sterkfontein Mb. 4 | *A. africanus* | 14 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| KNM-ER 5431A | RM2 | 1 | Tulu Bor Mb., Koobi Fora | Hominidae gen. et sp. indet. | 3, 4 | Moderate | 1 | 0 | 0 | 0 | 0 | 0 |
| KNM-ER 5431B | LM1 | 1 | Tulu Bor Mb., Koobi Fora | Hominidae gen. et sp. indet. | 3, 4 | Moderate | 0 | 1 | 0 | 0 | 0 | 0 |
| KNM-ER 5431C | LM2 | 1 | Tulu Bor Mb., Koobi Fora | Hominidae gen. et sp. indet. | 3, 4 | Good | 1 | 0 | 0 | 0 | 0 | 0 |
| KNM-ER 5431D | RM1 | 1 | Tulu Bor Mb., Koobi Fora | Hominidae gen. et sp. indet. | 3, 4 | Moderate | 0 | 1 | 0 | 0 | 0 | 0 |
| OH 60 | RM3 | 3 | Bed I, Olduvai | Hominidae gen. et sp. indet. | 15 | Good | ? | ? | ? | ? | ? | ? |
| DNH 67 | RM1 | 3 | Drimolen | *Homo* sp. | 1 | Good | 0 | 1 | 0 | 0 | 0 | 0 |
| SK 15 | LM1 | 1 | Swartkrans Mb. 2 | *Homo* sp. | 16, 17 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| SK 15 | RM2 | 1 | Swartkrans Mb. 2 | *Homo* sp. | 16, 17 | Good | 0 | 0 | 0 | 0 | 0 | 1 |
| SK 15 | RM3 | 1 | Swartkrans Mb. 2 | *Homo* sp. | 16, 17 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| SK 45 | RM1 | 1 | Swartkrans Mb. 1 | *Homo* sp. | 17, 18 | Good | 0 | 0 | 0 | NA | NA | NA |
| SK 45 | RM2 | 1 | Swartkrans Mb. 1 | *Homo* sp. | 17, 18 | Good | 0 | 0 | 0 | 0 | 0 | 1 |
| SKX 258 | LM1 | 3 | Swartkrans Mb. 2 | *Homo* sp. | 17, 19 | Good | 0 | 1 | 0 | 0 | 0 | 0 |
| StW 80 | LM1 | 1 | Sterkfontein Mb. 5 West | *Homo* sp. | 13, 20 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| StW 80 | LM2 | 1 | Sterkfontein Mb. 5 West | *Homo* sp. | 13, 20 | Good | 0 | 1 | 0 | 0 | 0 | 0 |
| StW 80 | LM3 | 1 | Sterkfontein Mb. 5 West | *Homo* sp. | 13, 20 | Good | 1 | 0 | 0 | NA | NA | NA |
| KNM-ER 1480A | RM3 | 3 | KBS Mb., Koobi Fora | *Homo* sp. | 4, 21 | Moderate | 0 | 1 | 0 | 2 | 0 | 0 |
| KNM-ER 1483E | LM2 | 1 | Uppa Burgi Mb., Koobi Fora | *Homo* sp. | 4, 21 | Good | 0 | 0 | 0 | 0 | 0 | 1 |
| KNM-ER 1802 | RM1 | 1 | Uppa Burgi Mb., Koobi Fora | *Homo* sp. | 4, 22 | Moderate | 0 | 1 | 0 | 0 | 0 | 0 |
| KNM-ER 1802 | LM1 | 1 | Uppa Burgi Mb., Koobi Fora | *Homo* sp. | 4, 22 | Moderate | 0 | 1 | 0 | 0 | 0 | 0 |
| KNM-ER 1802 | LM2 | 1 | Uppa Burgi Mb., Koobi Fora | *Homo* sp. | 4, 22 | Moderate | 0 | 0 | 0 | 0 | 0 | 1 |
| KNM-ER 1802 | RM2 | 1 | Uppa Burgi Mb., Koobi Fora | *Homo* sp. | 4, 22 | Moderate | 0 | 0 | 0 | 1 | 0 | 0 |
| KNM-ER 2597 | LM2 | 3 | KBS Mb., Koobi Fora | *Homo* sp. | 3, 4 | Good | 0 | 0 | 0 | 0 | 0 | 1 |
| KNM-ER 3953 | RM3 | 3 | Uppa Burgi Mb., Koobi Fora | *Homo* sp. | 3, 4 | Good | 1 | 0 | 0 | 1 | 0 | 0 |
| L26-1g | RM1 | 3 | Omo | *Homo* sp. | 6, 23 | Moderate | 0 | 1 | 0 | 0 | 0 | 0 |
| KNM-ER 1502 | RM1 | 1 | Uppa Burgi Mb., Koobi Fora | *H. habilis* | 4, 21 | Poor | 1 | 0 | 0 | 0 | 0 | 0 |
| OH 4 | LM3 | 2 | Bed I, Olduvai | *H. habilis* | 15, 24 | Good | 1 | 0 | 0 | 0 | 0 | 1 |
| OH 7 | LM1 | 1 | Bed I, Olduvai | *H. habilis* | 15, 24 | Good | 0 | 2 | 0 | 0 | 0 | 0 |
| OH 7 | RM1 | 1 | Bed I, Olduvai | *H. habilis* | 15, 24 | Good | 0 | 2 | 0 | 0 | 0 | 0 |
| OH 7 | LM2 | 1 | Bed I, Olduvai | *H. habilis* | 15, 24 | Good | 1 | 0 | 0 | 2 | 0 | 0 |
| OH 13 | LM1 | 1 | Bed II, Olduvai | *H. habilis* | 15, 24 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| OH 13 | RM1 | 1 | Bed II, Olduvai | *H. habilis* | 15, 24 | Moderate | 0 | 1 | 0 | 0 | 0 | 0 |
| OH 13 | RM2 | 1 | Bed II, Olduvai | *H. habilis* | 15, 24 | Minimal/ None | NA | NA | NA | NA | NA | NA |
| OH 13 | RM3 | 1 | Bed II, Olduvai | *H. habilis* | 15, 24 | Minimal/ None | NA | NA | NA | NA | NA | NA |
| OH 13 | LM3 | 1 | Bed II, Olduvai | *H. habilis* | 15, 24 | Good | 1 | 0 | 0 | 1 | 1 | 0 |
| OH 16 | RM1 | 1 | Bed II, Olduvai | *H. habilis* | 15, 24 | Moderate | 0 | 1 | 0 | 0 | 0 | 0 |
| OH 16 | RM2 | 1 | Bed II, Olduvai | *H. habilis* | 15, 24 | Moderate | 0 | 1 | 0 | 0 | 0 | 0 |
| OH 16 | LM2 | 1 | Bed II, Olduvai | *H. habilis* | 15, 24 | Moderate | 0 | 0 | 0 | NA | NA | NA |
| OH 16 | RM3 | 1 | Bed II, Olduvai | *H. habilis* | 15, 24 | Moderate | 1 | 0 | 0 | 0 | 0 | 0 |
| OH 16 | LM3 | 1 | Bed II, Olduvai | *H. habilis* | 15, 24 | Moderate | 0 | 0 | 0 | 0 | 0 | 1 |
| OH 27 | RM3 | 3 | Bed I, Olduvai | *H. habilis* | 15 | Moderate | 1 | 0 | 0 | 1 | 0 | 1 |
| OMO 7-69-19 | LM2 | 3 | Shungura Fm., Omo | *H. habilis* | 6, 23 | Moderate | 0 | 1 | 0 | 0 | 0 | 0 |
| OMO 75-69-15 | LM1 | 3 | Shungura Fm., Omo | *H. habilis* | 6, 23 | Moderate | 0 | 1 | 0 | 0 | 0 | 0 |
| OMO 75-69-16 | RM3 | 3 | Shungura Fm., Omo | *H. habilis* | 6, 23 | Moderate | 1 | 0 | 0 | 0 | 0 | 0 |
| KNM-BK 67 | RM1 | 1 | Kapthurin beds, Baringo | African *H. erectus* | 25 | Moderate | NA | NA | NA | 0 | 0 | 0 |
| KNM-BK 67 | LM2 | 1 | Kapthurin beds, Baringo | African *H. erectus* | 25 | Moderate | 0 | 0 | 0 | 0 | 0 | 0 |
| KNM-BK 67 | RM3 | 1 | Kapthurin beds, Baringo | African *H. erectus* | 25 | Good | 0 | 1 | 0 | 0 | 0 | 0 |
| KNM-ER 806A | LM3 | 1 | Okote Mb., Koobi Fora | African *H. erectus* | 4, 26 | Moderate | 0 | 0 | 0 | 0 | 1 | 1 |
| KNM-ER 806B | LM2 | 1 | Okote Mb., Koobi Fora | African *H. erectus* | 4, 26 | Moderate | 0 | 0 | 0 | 1 | 0 | 0 |
| KNM-ER 806C | LM1 | 1 | Okote Mb., Koobi Fora | African *H. erectus* | 4, 26 | Moderate | 1 | 1 | 0 | 0 | 0 | 0 |
| KNM-ER 806D | RM3 | 1 | Okote Mb., Koobi Fora | African *H. erectus* | 4, 26 | Moderate | 0 | 1 | 0 | 1 | 0 | 0 |
| KNM-ER 992A | RM1 | 1 | Okote Mb., Koobi Fora | African *H. erectus* | 4, 26 | Poor | 0 | 1 | 0 | 0 | 0 | 0 |
| KNM-ER 992A | RM2 | 1 | Okote Mb., Koobi Fora | African *H. erectus* | 4, 26 | Poor | 0 | 0 | 0 | 0 | 0 | 0 |
| KNM-ER 992A | RM3 | 1 | Okote Mb., Koobi Fora | African *H. erectus* | 4, 26 | Poor | 0 | 0 | 0 | 0 | 0 | 0 |
| KNM-ER 992B | LM1 | 1 | Okote Mb., Koobi Fora | African *H. erectus* | 4, 26 | Poor | 0 | 1 | 0 | 0 | 0 | 0 |
| KNM-ER 992B | LM2 | 1 | Okote Mb., Koobi Fora | African *H. erectus* | 4, 26 | Poor | 0 | 0 | 0 | 1 | 0 | 0 |
| KNM-ER 992B | LM3 | 1 | Okote Mb., Koobi Fora | African *H. erectus* | 4, 26 | Poor | 0 | 0 | 0 | 0 | 0 | 0 |
| KNM-ER 1507 | LM2 | 1 | KBS Mb., Koobi Fora | African *H. erectus* | 4, 21 | Poor | 0 | 0 | 0 | 1 | 0 | 0 |
| KNM-ER 1808G | RM2 | 1 | KBS Mb., Koobi Fora | African *H. erectus* | 3, 4 | Moderate | 0 | 0 | 0 | 0 | 0 | 0 |
| KNM-ER 1812C | LM3 | 2 | Uppa Burgi Mb., Koobi Fora | African *H. erectus* | 4, 22 | Moderate | 0 | 0 | 0 | 1 | 0 | 0 |
| OH 22 | RM1 | 1 | Beds III/IV, Olduvai | African *H. erectus* | 27 | Poor | 0 | 0 | 0 | 0 | 0 | 0 |
| OH 22 | RM2 | 1 | Beds III/IV, Olduvai | African *H. erectus* | 27 | Moderate | 0 | 0 | 0 | 0 | 0 | 0 |
| Sangiran S1b | RM1 | 1 | Pucangan Fm., Sangiran | Asian *H. erectus* | 28 | Moderate | 0 | 1 | 0 | 0 | 0 | 0 |
| Sangiran S1b | RM2 | 1 | Pucangan Fm., Sangiran | Asian *H. erectus* | 28 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| Sangiran S1b | RM3 | 1 | Pucangan Fm., Sangiran | Asian *H. erectus* | 28 | Good | 1 | 0 | 0 | 1 | 0 | 0 |
| Sangiran S7-20 | LM2 | 3 | Kabuh Fm., Sangiran | Asian *H. erectus* | 29 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| Sangiran S7-42 | RM2 | 3 | Pucangan Fm., Sangiran | Asian *H. erectus* | 29 | Moderate | 0 | 0 | 0 | 0 | 0 | 0 |
| Sangiran S7-62 | RM1 | 3 | Pucangan Fm., Sangiran | Asian *H. erectus* | 29 | Good | 0 | 1 | 0 | 2 | 0 | 0 |
| Sangiran S7-64 | RM2 | 3 | Pucangan Fm., Sangiran | Asian *H. erectus* | 29 | Good | 1 | 0 | 0 | 1 | 0 | 0 |
| Sangiran S7-65 | RM2 | 3 | Pucangan Fm., Sangiran | Asian *H. erectus* | 29 | Poor | 0 | 1 | 0 | 0 | 0 | 2 |
| Sangiran S7-78 | LM2 | 3 | Pucangan Fm., Sangiran | Asian *H. erectus* | 29 | Moderate | 1 | 1 | 0 | 0 | 0 | 0 |
| SMF-8865 | LM2 | 3 | Sangiran | Asian *H. erectus* | 30 | Good | 0 | 0 | 0 | 1 | 0 | 0 |
| CA 804 | RM1 | 3 | Chinese Apothecary | Asian *H. erectus* | 31 | Good | 0 | 0 | 0 | 0 | 0 | 2 |
| CA 808 | RM2 | 3 | Chinese Apothecary | Asian *H. erectus* | 31 | Good | 0 | 0 | 0 | 0 | 0 | 1 |
| Tighenif 1 | LM2 | 1 | Tighenif | MP *Homo* | 32, 33 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| Tighenif 1 | RM2 | 1 | Tighenif | MP *Homo* | 32, 33 | Good | 0 | 0 | 0 | 0 | 0 | 0 |
| Tighenif 1 | LM3 | 1 | Tighenif | MP *Homo* | 32, 33 | Good | 0 | 1 | 0 | 0 | 0 | 0 |
| Tighenif 1 | RM3 | 1 | Tighenif | MP *Homo* | 32, 33 | Good | 0 | 1 | 0 | 0 | 0 | 0 |
| Tighenif 2 | LM1 | 1 | Tighenif | MP *Homo* | 32, 33 | Good | 0 | 1 | 0 | 0 | 0 | 0 |
| Tighenif 2 | LM2 | 1 | Tighenif | MP *Homo* | 32, 33 | Good | 1 | 0 | 0 | 0 | 0 | 1 |
| Tighenif 2 | LM3 | 1 | Tighenif | MP *Homo* | 32, 33 | Good | 1 | 0 | 0 | 0 | 0 | 1 |
| a Tooth position basis: 1 = molar in jaw or from associated dentition, 2 = molar position based on morphology and possible association with other teeth, 3 = molar position is best estimation based on morphology  b The level of tissue distinction present in the scan was assessed for each specimen as good, moderate, poor or minimal/none. These categories allow us to assess the likelihood of a small accessory cusp being missed at the enamel dentine junction.  Abbreviations: DAC = Distal Accessory Cusp; LAC = Lingual Accessory Cusp; Ent = Entoconid type; Int = Interconulid type; Hld = Hypoconulid type; Med = Metaconid type; MP = Middle-Pleistocene | | | | | | | | | | | | |

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