Table. Names and anatomical landmarks of a 28-merged marker set.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Maker name | Description | DFM | OFM | MiFM | mSHCG | mRFM |
| 1 | KL | Lateral femoral condyle | S\* | S\* |  | S\* |  |
| 2 | KM | Medial femoral condyle | S\* |  |  | S\* |  |
| 3 | TIBU | Tibial tuberosity, relatively upper |  | S |  | S | S |
| 4 | TIBL | Anterior tibia, medial side |  | S | S | S |  |
| 5 | HOF | Head of fibular |  | S |  |  | S |
| 6 | TOP | Lateral shank (triad) | S |  |  |  |  |
| 7 | FRONT | Lateral shank (triad) | S |  |  |  |  |
| 8 | REAR | Lateral shank (triad) | S |  |  |  |  |
| 9 | TIBW | Distal lateral tibia (wand) |  |  |  | S |  |
| 10 | ANKL | Lateral malleolus | S\*, H | S | S | S | S |
| 11 | ANKM | Medial malleolus | S\*, H\* | S\* | S | S\* | S\* |
| 12 | CALP | Center of proximal aspect of heel | H | H\* | H | H | H |
| 13 | CALD | Center of distal aspect of heel | H | H |  |  | H |
| 14 | CALW | Wand maker placed midpoint between CALD and CALP |  | H |  |  |  |
| 15 | CALA | Lateral aspect of calcaneus at the same distance from the most posterior point as TALI |  | H | H | H | H |
| 16 | TALI | Sustentaculum tali |  | H | H | H | H |
| 17 | NAVI | Most prominence aspect of navicular bone | F |  |  |  |  |
| 18 | M1B | The base of 1st metatarsal |  | F |  | F | F |
| 19 | M1BM | Medial aspect of the base of 1st metatarsal |  |  |  | F\* |  |
| 20 | M23B | Between bases of 2nd and 3rd metatarsals |  |  |  | F\* | F\*\* |
| 21 | M5B | The base of 5st metatarsal | F | F | F |  | F |
| 22 | M1H | Head of 1st metatarsal | F |  |  | F | F |
| 23 | M1HM | Medial aspect of the head of 1st metatarsal |  | F\* | F | F\* |  |
| 24 | M23H | Between heads of 2nd and 3rd metatarsals | F | F |  | F\* | F\*\* |
| 25 | M5H | Head of 5st metatarsal | F |  |  | F | F |
| 26 | M5HL | Lateral aspect of the head of 5st metatarsal |  | F | F |  |  |
| 27 | HALB | Proximal phalanx of the hallux |  | Hx |  |  | Hx |
| 28 | HALN | midpoint of hallux nail bed | Hx |  |  |  |  |

S: one of the markers that consist of the shank.
H: one of the markers that consist of the hindfoot.
F: one of the markers that consist of the forefoot.
Hx: one of the markers that consist of the hallux (not used for analysis).
\*: a static trial only.
\*\*: a different placement from the original placement.