

**S3 Table. Multi-locus  $P_{ID}$  and  $P_{ID\text{sib}}$ .** Multi-locus  $P_{ID}$  (i.e., the probability that two individuals drawn at random share identical genotypes) and  $P_{ID\text{sib}}$  (i.e., the probability of identity among siblings) data are provided. Loci are sorted according to the increasing order of their  $P_{ID}$  and  $P_{ID\text{sib}}$  single-locus values (i.e., the locus at the top is the most informative one), and a sequentially multi-loci  $P_{ID}$  ( $P_{ID\text{sib}}$ ) is reported for each locus. See Forcina et al. [46] for details on the loci employed in the present study.

Locus	$P_{ID}$	$P_{ID\text{sib}}$
MCW 252	$1.2 \times 10^{-2}$	$2.9 \times 10^{-1}$
MCW 212	$1.3 \times 10^{-3}$	$1.2 \times 10^{-1}$
MCW 104	$2.2 \times 10^{-4}$	$5.5 \times 10^{-2}$
MCW 146	$4.9 \times 10^{-5}$	$2.8 \times 10^{-2}$
MCW 295	$1.2 \times 10^{-5}$	$1.4 \times 10^{-2}$
Aru 1.23	$4.1 \times 10^{-6}$	$8.5 \times 10^{-3}$
MCW 127	$1.5 \times 10^{-6}$	$5.4 \times 10^{-3}$
LEI 30	$8.6 \times 10^{-7}$	$4.1 \times 10^{-3}$
MCW 280	$7.4 \times 10^{-7}$	$3.8 \times 10^{-3}$