

ISAG ovine microsatellite (STR) panel

Marker	Forward primer sequence (5'-3')	Reverse primer sequence (5'-3')	Fragment sizes in bp (samples CT 2015-16)
AMEL	CAGCCAAACCTCCCTCTGC	CCCCTTGGTCTTGTCTGTTGC	(X and Y)
CSRD247	GGACTTGCCAGAACTCTGCAAT	CACTGTGGTTTTGTATTAGTCAGG	209-255
ETH152/D5S2	TACTCGTAGGGCAGGCTGCCTG	GAGACCTCAGGGTTGGTGATCAG	186-200
INRA005	TTCAGGCATACCCTACACCACATG	AAATATTAGCCAACTGAAAACCTGGG	125-147
INRA006	AGGAATATCTGTATCAACCGCAGTC	CTGAGCTGGGGTGGGAGCTATAAATA	110-132
INRA023	GAGTAGAGCTACAAGATAAACTTC	TAACTACAGGGTGTTAGATGAACTC	194-216
INRA063	GACCACAAAGGGATTTGCACAAGC	AAACCACAGAAATGCTTGGAAG	169-201
INRA172	CCAGGGCAGTAAAATGCATAACTG	GGCCTTGCTAGCCTCTGCAAAC	126-160
MAF065	AAAGGCCAGAGTATGCAATTAGGAG	CCACTCCTCCTGAGAATATAACATG	125-137
MAF214	AATGCAGGAGATCTGAGGCAGGGACG	GGGTGATCTTAGGGAGGTTTTGGAGG	189-265
MCM042	CATCTTTCAAAGAAGTCCGAAAGTG	CTTGGAATCCTTCCTAACTTTTCGG	87-107
MCM527	GTCCATTGCCTCAAATCAATTC	AAACCACTTGACTACTCCCAA	164-170
OARFCB20	GGAAAACCCCATATATACCTATAC	AAATGTGTTTAAGATTCCATACATGTG	87-113

ISAG caprine microsatellite (STR) panel

Marker	Forward primer sequence (5'-3')	Reverse primer sequence (5'-3')	Fragment sizes in bp (samples CT 2015-16)
CSRD247	GGACTTGCCAGAACTCTGCAAT	CACTGTGGTTTGTATTAGTCAGG	216-240
ILSTS008	GAATCATGGATTTTCTGGGG	TAGCAGTGAGTGAGGTTGGC	174-182
ILSTS19	AGGGACCTCATGTAGAAGC	ACTTTTGGACCCTGTAGTGC	146-152
ILSTS87	AGCAGACATGATGACTCAGC	CTGCCTCTTTTCTTGAGAGC	133-151
INRA005	TTCAGGCATACCCTACACCACATG	AAATATTAGCCAACTGAAAAGTGGG	115-121
INRA006	AGGAATATCTGTATCAACCGCAGTC	CTGAGCTGGGGTGGGAGCTATAAATA	107-123
INRA023	GAGTAGAGCTACAAGATAAACTTC	TAACTACAGGGTGTTAGATGAACTC	195-215
INRA063	GACCACAAAGGGATTTGCACAAGC	AAACCACAGAAATGCTTGGAAG	171-177
MAF65	AAAGGCCAGAGTATGCAATTAGGAG	CCACTCCTCCTGAGAATATAACATG	117-135
MCM527	GTCCATTGCCTCAAATCAATTC	AAACCACTTGACTACTCCCAA	152-164
OARFCB20	GGAAAACCCCATATATACCTATAC	AAATGTGTTTAAGATTCCATACATGTG	95-105
SRCRSP5	GGACTCTACCAACTGAGCTACAAG	TGAAATGAAGCTAAAGCAATGC	163-179
SRCRSP8	TGCGGTCTGGTTCTGATTTAC	CCTGCATGAGAAAGTCGATGCTTAG	220-240
SRCRSP23	TGAACGGGTAAAGATGTG	TGTTTTTAATGGCTGAGTAG	77-103