

Table S4: STR typings using six autosomal markers, a marker for the sex-discriminating amelogenin gene, and their amplicon sizes

STR system	Amelogenin	D13S317	D21S11	D18S51	TH01	D5S818	FGA
Amplicons (bp)	86 and 92	103-131	170-196	152-196	87-103	109-145	149-179
Sample							
DO 1911 cons	X/Y	12/-	30.2/32.2	15/17	9.3/-	11/12	21/22
DO 1911 Ex19_1	X/Y	12/-	30.2/32.2	15/17	9.3/-	11/12	21/22
DO 1911 Ex19_2	X/Y	12/-	30.2/32.2	15/17	9.3/-	11/12	21/22
DO 3756 cons	X/-	8/9	28/29	16/-	9/9.3	12/-	21/23
DO 3756 Ex22_1	X/-	8/9	28/29	16/-	9/9.3	12/-	21/23
DO 3756 Ex22_2	X/-	8/9	28/29	16/-	9/9.3	12/-	21/23
DO 905.01 cons	X/Y	8/11	29/31.2	18/19	7/9	11/12	20/22
DO 905.01 Ex6_1	X/Y	8/11	(29)/(31.2)	18/19	7/9	11/12	20/(22)
DO 905.01 Ex6_2	X/Y	8/11	29/31.2	18/19	7/9	11/12	20/22
DO 58.08 cons	X/-	8/12	28/30	14/16	9.3/-	11/12	20/24
DO 58.08 Ex9_1	(X)/-	8/12	-/-	16/-	9.3/-	-/-	-/-
DO 58.08 Ex9_2	X/-	8/12	28/-	14/-	9.3/-	-/-	20/24
DO 2255.03 cons	X/-	11/-	30/33.2	14/15	7/9.3	9/11	20/21
DO 2255.03 Ex5_1	X/-	11/-	30/33.2	15/-	7/9.3	11/-	20/-
DO 2255.03 Ex5_2	X/-	11/-	30/33.2	15/-	7/-	9/-	21/-
DO 66.02 cons	X/-	8/12	28/29	14/16	9.3/-	11/12	20/25
DO 66.02 Ex5_1	X/-	8/12	-/-	(14)/-	(8)/9.3	(11)/-	(20)/-
DO 66.02 Ex5_2	X/-	8/12	29/-	14/16	9.3/-	12/-	((20))/25
DO 1471 cons	X/Y	11/13	28/29	(13)/(20)	9/9.3	12/-	(20)/(24)
DO 1471 Ex7_1	X/-	-/-	-/-	-/-	9/9.3	12/-	-/-
DO 1471 Ex7_2	X/-	8/-	29/-	15/-	9/9.3	12/-	24/-
DO 1548.01 cons	X/Y	11/13	27/28	13/14	9.3	9/10	20/21
DO 1548.01 Ex8_1	X/Y	11/13	-/-	((14))/-	9.3/-	9/-	((20))/-
DO 1548.01 Ex8_2	X/Y	11/13	28/-	14/-	9.3/-	9/10	20/21
DO 58.13 cons	X/Y	8/13	28/29	14/15	7/9.3	12/13	23/25
DO 58.13 Ex9_1	(X)/Y	8/13	-/-	14/-	-/-	-/-	-/-
DO 58.13 Ex9_2	X/-	-/-	-/-	-/-	-/-	12/-	(23)/-
DO 187 cons	X/-	12/14	29/-	12/14	6/9.3	11/13	22/23
DO 187 Ex6_1	X/-	-/-	-/-	-/-	-/-	-/-	-/-
DO 187 Ex6_2	-/-	-/-	-/-	-/-	-/-	-/-	20/-
DO 1076 Ex4-7	X/Y	11/13	30.2/33.2	14/20	9.3/-	10/12	21/25
DO 1076 Ex4-7_2	X/Y	11/13	30.2/33.2	14/20	9.3/-	10/12	21/25
DO 1076 cons	X/Y	11/13	30.2/33.2	14/20	9.3/-	10/12	21/25

Incongruent alleles are shown in red

STR system	Amelogenin	D13S317	D21S11	D18S51	TH01	D5S818	FGA
Sample							
DO 902.01 cons	X/Y	9/13	31.2/32.2	10/12	6/9.3	12/-	22/24
DO 902.01 Ex6-9	X/Y	9/13	31.2/32.2	10/12	6/9.3	12/-	22/24
DO 902.01 Ex6-9_2	X/Y	9/13	31.2/32.2	10/12	6/9.3	12/-	22/24
EL 13 cons	X/Y	8/12	(28)/29/31.2	12/14	6/9.3	11/13	22/(23)
EL 13 Ex2_2	X/Y	8/12	29/31.2	12/14	6/9.3	11/13	22/-
EL 158 Kcons	X/Y	12/-	30/31/32	16/-	7/-	11/-	24/25
EL 158 Ex2_2	X/Y	12/-	30/31/32	16/-	7/-	11/-	24/25
HL 1463 Oktaplex	X/X	11/12	28/-			11/12	20/21
HL 1463_2	X/X	11/12	28/-	16/19	6/9.3	11/12	20/21
HL 1751 Oktaplex	X/X	12/-	28/29			12/13	20/23
HL 1751_2	X/X	12/-	28/29	13/15	7/9.3	12/13	20/23
PC	X/Y	11/12	27/29	13/16	6/7	10/12	20/22.2

Incongruent alleles are shown in red