

## 2005 ISAG Canine Panel for parentage verification

CFA	Size range	Locus	Dye	Forward Sequence	Reverse Sequence
	<b>ISAG-1-A</b>				
CFA23	277-297	AHTk253	FAM	ACA TTT gTg ggC ATT ggg gCT g	TgC ACA Tgg Agg ACA AgC ACg C
CFA13	68-118	AHT121	FAM	TAT TgC gAA TgT CAC TgC TT	ATA gAT ACA CTC TCT CTC Cg
CFA12	135-179	FH2054	NED	gCC TTA TTC ATT gCA gTT Agg g	ATg CTg AgT TTT gAA CTT TCC C
CFA22	109-133	CXX279	NED	TgC TCA ATg AAA TAA gCC Agg	ggC gAC CTT CAT TCT CTg AC
CFA21	87-111	INRA21	PET	ATg TAg TTg AgA TTT CTC CTA Cgg	TAA Tgg CTg ATT TAT TTg gTg g
CFA26	83-101	AHTk211	VIC	TTAgCAgCCgAgAAATACgC	ATT CgC CCg ACT TTg gCA
CFA	Size range	Locus	Dye		
	<b>ISAG-1B</b>				
CFA18	224-242	REN54P11	FAM	gggggAATTAACAAAgCCTgAg	TgCAAATTCTgAgCCCCACTg
CFA07	192-212	REN162C04	PET	TTCCCTTTgCTTTAgTAggTTTTg	TggCTgTATTCTTTggCACA
CFA16	236-254	AHTh260	PET	CgCTATACCCACACCAggAC	CCACAgAggAAgggATgC
CFA06	215-239	AHTh171	VIC	Agg TgC AgA gCA CTC ACT CA	CCC ATC CAC AgT TCA gCT TT

CFA	Size range	Locus	Dye		
	<b>ISAG-2A</b>				
CFA11	231-249	REN105L03	FAM	ggAATCAAAAgCTggCTCTCT	gAgATTgCTgCCCTTTTTACC
CFA36	111-141	AHTh130	NED	gTTTCTCTCCCTTCgggTTC	gACgTgTgTTCACgCCAg
CFA29	154-170	REN169O18	NED	CACCCAACCTgTCTgTTCCT	ACTgTgTgAgCCAATCCCTT
CFA X	182-217	Amelogenin	NED	gTg CCA gCT CAg CAg CCC gTg gT	TCg gAg gCA gAg gTg gCT gTg gC
CFA34	139-155	REN64E19	PET	TgTATTTTAATgTggCAgTTT	gACAaggACAaggCAATACAgT
CFA14	199-221	REN169D01	PET	AgTgggTgCAAgTggAAC	AATAgCACATCTTCCCCACg
CFA02	228-244	FH2848	VIC	CAAAACCAACCCATTCACTC	gTCACAaggACTTTTCTCCTg
CFA11	126-156	AHT137	VIC	TAC AgA gCT CTT AAC Tgg gTC C	CCT TgC AAA gTg TCA TTg CT
CFA15	268-282	REN247M23	VIC	TggTAACACCAAggCTTTCC	TgTCTTTTCCATggTggTgA
CFA	Size range	Locus	Dye		
	<b>ISAG-2B</b>				
CFA33	104-136	INU005	FAM	CTTTCTACCAgCAAggTTAC	TTCCCATTTAATTgCCTCT
CFA12	143-157	INU030	FAM	ggCTCCATgCTCAAgTCTgT	CATTgAAAaggAATgCTggT
CFA10	204-220	INU055	FAM	CCAggCgTCCCTATCCATCT	gCACCACTTTgggCTCCTC