

Position at CFA 26 (bp)

Breed	8,548,679	8,565,784	8,573,105	8,589,815	8,591,289	8,607,815	8,610,786	8,620,015	8,635,745	8,651,371	8,694,743	8,724,281	8,746,093	8,790,483	8,797,934	8,813,638	8,826,462	8,840,367	8,850,907	8,857,340	8,897,177	8,904,407	8,913,141	8,915,745	8,932,624	8,940,353	8,947,103	8,959,614	8,980,009	8,986,952	8,997,286	9,007,676	9,017,408	9,034,625	9,041,601	9,054,732	9,082,989	9,091,220	9,124,485	9,138,427	9,149,220	9,154,555	9,176,011	9,181,916	9,189,222	9,206,221	9,212,888	9,227,043
Boxer	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	English bulldog	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC
GG		TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
GG		TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
GG		TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
French bulldog	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
Pug	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	AG	TT	AG	AA	GG	TT	TT	GG	GT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	AG	CT	AG	CT	CT	AG	CT	AG	AA	TT	AC	CT	AA	CC	AA	CC	CC	GG	AA	GG	TT	CC	GT	
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	GG	TT	AA	AA	GG	TT	TT	GG	TT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	GG	TT	AA	CC	TT	GG	TT	AA	AA	TT	CC	CC	TT	TT	GG	CC	CC	GG	GG	AA	AA	AA	CC	GG
	AA	TT	AA	AA	GG	TT	TT	GG	GG	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	AA	CC	GG	TT	CC	AA	CC	GG	AA	TT	CC	TT	AA	CC	AA	CC	CC	GG	GG	AA	AA	AA	CC	GG
	AG	TT	AA	AA	GG	TT	TT	GG	GT	CC	GG	AA	AA	TT	GG	AG	AG	CC	AA	AG	AG	GG	CT	GT	AG	CT	AG	CT	CT	AG	CT	AG	AA	TT	AC	CT	AA	CC	AA	CC	CC	GG	GG	AA	AA	AA	CC	GG
AG	TT	AG	AA	GG	TT	TT	GG	GT	CC	GG	AA	AA	TT	GG	AA	AA	CC	AA	AA	AA	GG	CC	GG	AG	CT	AG	CT	CT	AG	CT	AG	AA	TT	AC	CT	AA	CC	AA	CC	CC	GG	GG	AA	AA	AA	CC	GG	