

Breed name	Acron.	N	Sample type	Breed type	GG	Sample origin	Reg
Criollo Argentino	CARG	50	Hair roots	Creole	Taurine	Argentina	SA
Criollo Patagónico	PAT	35	Hair roots	Creole	Taurine	Argentina	SA
Caracú	CAR	47	Hair roots	Creole	Taurine	Brasil	SA
Blanco Orejinegro	BON	25	Blood	Creole	Taurine	Colombia	SA
Caqueteño	CAQ	25	Blood	Creole	Taurine	Colombia	SA
Criollo Casanareño	CC	35	Blood	Creole	Taurine	Colombia	SA
Chino Santandereano	CH	25	Blood	Creole	Taurine	Colombia	SA
Costeño con Cuernos	CCC	25	Blood	Creole	Taurine	Colombia	SA
Hartón del Valle	HV	22	Blood	Creole	Taurine	Colombia	SA
Lucerna	LUC	24	Blood	Creole	Taurine	Colombia	SA
Romosinuano	RMS	25	Blood	Creole	Taurine	Colombia	SA
Sanmartinero	SM	25	Blood	Creole	Taurine	Colombia	SA
Velasquez	VEL	25	Blood	Creole	Taurine	Colombia	SA
Cubano	CUB	50	Blood	Creole	Taurine	Cuba	CI
Siboney	SIB	50	Blood	Creole	Taurine	Cuba	CI
Criollo Ecuatoriano	EC	12	Hair roots	Creole	Taurine	Ecuador	SA
Criollo de Baja California	CBC	21	Hair roots	Creole	Taurine	México	NA
Criollo de Chiapas	CHI	30	Hair roots	Creole	Taurine	México	NA
Criollo de Chihuahua	CHU	19	Hair roots	Creole	Taurine	México	NA
Criollo de Nayarit	CNY	24	Hair roots	Creole	Taurine	México	NA
Criollo Poblano	CPO	43	Hair roots	Creole	Taurine	México	NA
Guabalá	GUA	25	Hair roots	Creole	Taurine	Panama	CA
Guaymí	GY	36	Hair roots	Creole	Taurine	Panama	CA
Pampa Chaqueño	PA	50	Hair roots	Creole	Taurine	Paraguay	SA
Criollo Pilcomayo	PIL	36	Hair roots	Creole	Taurine	Paraguay	SA
Criollo Uruguayo	CUR	43	Blood	Creole	Taurine	Uruguay	SA
Texas Longhorn	TLH	80	Hair roots, Semen	Creole	Taurine	USA	NA

Alistana	ALS	50	Blood	Native	Taurine	Spain	IB
Asturiana de las Montañas	ASM	50	Blood	Native	Taurine	Spain	IB
Asturiana de los Valles	ASV	50	Blood	Native	Taurine	Spain	IB
Avileña	AVI	50	Blood	Native	Taurine	Spain	IB
Berrenda en Colorado	BC	40	Blood	Native	Taurine	Spain	IB
Berrenda en Negro	BN	30	Blood	Native	Taurine	Spain	IB
Betizu	BET	20	Blood	Native	Taurine	Spain	IB
Bruna de los Pirineos	BRP	50	Blood	Native	Taurine	Spain	IB
Mallorquina	MALL	50	Blood	Native	Taurine	Spain, Balearic Islands	IB
Menorquina	MEN	50	Blood	Native	Taurine	Spain, Balearic Islands	IB
Monchina	MON	50	Blood	Native	Taurine	Spain	IB
Morucha	MOR	50	Blood	Native	Taurine	Spain	IB
Marismeña	MAR	50	Blood	Native	Taurine	Spain	IB
Negra Andaluza	NAN	21	Hair roots	Native	Taurine	Spain	IB
Pajuna	PAJ	38	Blood	Native	Taurine	Spain	IB
Parde de Montaña	PM	50	Blood	Native	Taurine	Spain	IB
Pasiega	PAS	50	Blood	Native	Taurine	Spain	IB
Pirenaica	PIRM	50	Blood	Native	Taurine	Spain	IB
Retinta	RET	50	Hair roots	Native	Taurine	Spain	IB
Rubia Gallega	RGA	50	Hair roots	Native	Taurine	Spain	IB
Sayaguesa	SAY	50	Blood	Native	Taurine	Spain	IB
Serrana de Teruel	STE	50	Blood	Native	Taurine	Spain	IB
Toro de Lidia	TL	50	Blood	Native	Taurine	Spain	IB
Tudanca	TUD	50	Blood	Native	Taurine	Spain	IB
Vaca Canaria	VCA	50	Blood	Native	Taurine	Spain, Canary Islands	IB
Vaca Palmera	PAL	50	Blood	Native	Taurine	Spain, Canary Islands	IB
Alentejana	ALT	38	Blood	Native	Taurine	Portugal	IB
Arouquesa	ARO	70	Blood	Native	Taurine	Portugal	IB

Barrosã	BARR	69	Blood	Native	Taurine	Portugal	IB
Brava de Lide	BRAV	43	Blood	Native	Taurine	Portugal	IB
Cachena	CACH	51	Blood	Native	Taurine	Portugal	IB
Garvonesa	GARV	39	Blood	Native	Taurine	Portugal	IB
Marinhoa	MARI	46	Blood	Native	Taurine	Portugal	IB
Maronesa	MARO	47	Blood	Native	Taurine	Portugal	IB
Mertolenga	MERT	64	Blood	Native	Taurine	Portugal	IB
Minhota	MINH	50	Blood	Native	Taurine	Portugal	IB
Mirandesa	MIRA	54	Blood	Native	Taurine	Portugal	IB
Preta	PRET	60	Blood	Native	Taurine	Portugal	IB
Ramo Grande	RG	44	Blood	Native	Taurine	Portugal, Azores Islands	IB
Aberdeen Angus	AA	62	Hair roots, Semen	Commercial	Taurine	Argentina; USA	BI
British White	BWC	19	Hair roots, Semen	Native	Taurine	USA	BI
Hereford	HER	88	Hair roots, Semen	Commercial	Taurine	Argentina, México, USA	BI
Jersey	JER	20	Hair roots, Semen	Commercial	Taurine	USA	BI
Shorthorn	SH	11	Hair roots, Semen	Commercial	Taurine	USA	BI
Charolais	CHAR	58	Blood	Commercial	Taurine	Portugal	CE
Friesian	FRI	50	Blood	Commercial	Taurine	Portugal	CE
Limousin	LIM	47	Hair roots	Commercial	Taurine	Portugal	CE
Brown Swiss	BSW	29	Hair roots	Commercial	Taurine	México	CE
Brahman	BRH	41	Hair roots, Semen	Commercial	Indicine	México, USA	IN
Gyr	GYR	23	Blood	Commercial	Indicine	Brazil	IN
Guzerat	GUZ	15	Hair roots	Commercial	Indicine	Brazil	IN
Nelore	NEL	28	Hair roots	Commercial	Indicine	Brazil	IN
Sindi	SIN	11	Hair roots	Commercial	Indicine	Brazil	IN
Zebu Cubano	CUZ	50	Blood	Commercial	Indicine	Cuba	IN