

RANGES	NAME (Genomic)	IB Cross IB Robot	SIRE	GRAND SIRE	PRODUCTION											FUNCTIONALS											TYPE																												
					ISU	daughters	Red %	INEL	Prot	Fat	Prot Cont	Fat Cont	MILK	Udder Health	Somatic Cells	Clinical Mast	Reproductive	CFER	HEER	Calc First AI	Prod Life	Calving ease	Calving Ability	Milling speed	temperament	TYPE	Body capacity	Height Scrum	chest width	chest depth	body depth	Rump	rump length	width at hips	width at thrust	rump angle	Feet & legs	rear legs set	foot angle	Udder	fore udder att	rear udder hgt	rear udder wt	udder depth	udder balance	udder cleft	Teats	test place	test direction	test length	test form	Muscularity			
Healthy	JORDREN JB	C	R	ELASTAR	DIDEROT	157	0	72	36	26	37	1.7	3.1	364	0.9	0.9	0.6	1.4	1.1	1.0	0.6	0.5	90	86	111	101	106	105	97	103	102	107	103	101	115	94	101	107	114	102	105	127	100	116	90	103	105	101	108	96	99	115	91		
	MAULEON JB	C	C	GARGANO	GRANIT JB	152	0	71	30	22	30	1.5	1.4	378	0.5	0.5	0.5	0.3	0.6	0.4	-0.8	0.9	91	90	111	104	123	109	112	97	124	104	100	99	101	96	97	111	105	100	129	130	112	114	113	132	115	110	127	121	115	101	80		
	LINAO JB	C	C	HARPON JB	FUNKY JB	148	0	70	30	28	15	1.2	-2.1	721	0.5	0.9	-0.1	0.2	0.6	0.1	-0.9	0.6	89	89	103	114	118	118	108	117	107	117	102	101	103	109	109	101	97	112	115	95	99	104	107	118	119	112	115	117	102	97	100		
	MERCKX JB *	C	C	JARDIM JB	MERCI	145	0	69	28	25	21	0.0	0.1	659	0.5	0.8	-0.1	0.9	0.9	0.4	0.2	0.4	89	90	106	108	114	113	119	103	114	109	114	117	116	106	91	100	91	101	104	111	91	115	98	121	102	105	108	92	87	97			
	MAGIC JB	C	C	HUMMER	FAUCIGNY	144	0	71	23	19	16	1.1	0.6	365	1.1	1.2	0.7	0.5	1.1	0.4	-1.3	0.5	91	91	97	99	116	106	101	102	108	105	95	95	92	86	107	114	96	105	119	123	109	97	112	119	110	101	124	116	99	77	94		
	LEOGNAN JB *	C	C	ITACHI JB	VIGOR JB	143	0	71	32	27	29	0.5	-0.6	737	0.2	0.2	0.1	0.6	0.8	0.8	-0.8	0.6	89	88	103	116	110	103	99	101	99	107	107	108	125	98	96	96	87	101	93	100	114	107	108	121	112	112	81	106	117	123	104	78	93
	JARDIM JB	C	C	GALPEJA JB	OCTAVE JB	142	0	72	24	22	14	0.0	-0.6	508	-0.1	0.2	-0.3	1.5	1.4	0.7	0.7	0.5	89	91	109	101	114	115	126	102	121	109	108	127	103	107	87	101	99	102	112	105	101	89	119	106	108	110	103	114	108	86	89		
	MAXENT JB	C	C	HORTON	GHANA JB	142	0	71	24	20	24	0.2	-0.8	578	0.4	0.5	0.3	0.2	0.3	0.7	-0.6	1.1	88	88	117	108	116	106	106	97	112	106	102	102	103	87	97	94	95	106	96	124	139	102	109	115	123	113	102	126	116	110	93	90	
	FRANGY JB **	C	C	CROCKET	RALBAN	141	79	92	37	33	29	-0.1	-1.7	1039	0.5	1.1	-0.4	-0.1	-0.1	0.1	-0.2	0.3	90	86	105	99	105	95	101	86	100	105	99	95	82	102	99	92	99	86	116	116	102	115	100	120	99	118	106	119	128	96	95		
	LATINO JB *	C	R	HIGORA JB	DACIER JB	137	0	71	23	18	24	-0.3	0.7	510	0.9	1.2	0.4	0.0	-0.3	0.5	0.2	1.1	90	88	97	105	116	106	116	95	107	110	101	117	106	95	105	109	100	102	120	114	117	121	119	130	113	100	118	91	88	109	88		
	IMATUR JB	C	R	GARGOTO JB	OCTAVE JB	136	0	71	20	17	12	0.8	-0.5	268	0.8	0.9	0.4	0.5	0.5	0.2	0.1	0.4	93	92	106	113	110	111	119	109	109	103	106	122	97	101	83	111	83	94	102	84	107	100	116	101	100	94	104	108	103	96			
	JILAIN JB **	C	R	HOLDING JB	VIGOR JB	136	0	71	16	14	10	0.6	-0.7	292	0.6	0.8	0.2	0.7	1.0	0.9	-1.0	0.5	89	90	112	106	113	95	106	97	100	89	96	100	99	93	106	96	97	124	107	114	116	126	130	88	108	133	109	103	106	97			
	MODELO JB ***	C	R	JUNKY JB	CARGO	134	0	68	25	23	17	-0.4	-1.5	862	0.5	0.5	0.2	0.1	0.6	0.5	-1.4	1.0	88	88	92	117	114	110	106	102	121	105	105	104	103	95	101	105	100	98	113	106	109	115	113	111	93	107	112	115	111	96	90		
	JOSTIK JB	C	R	FABLO	RALBAN	133	0	72	27	27	22	-1.6	-3.1	1071	-0.1	0.0	-0.2	0.2	0.3	0.3	-0.4	0.5	93	89	113	97	112	105	98	92	115	111	100	89	114	107	129	108	97	103	114	117	99	122	104	134	97	106	111	96	101	91			
	JISCO JB	C	R	GRESIL JB	TILLEUL JB	133	0	72	16	16	4	0.6	-1.6	400	1.0	1.2	0.4	0.5	0.8	-0.3	0.0	0.7	93	90	108	100	106	100	112	98	96	102	94	120	89	88	85	106	107	101	110	119	113	102	116	106	85	109	108	98	117	94	85		
	JOZUAL JB	C	C	HEXAM JB	TRIOMPHE	133	0	70	13	14	1	0.2	-1.8	446	0.9	1.1	0.3	0.2	0.8	0.0	-0.9	1.0	88	90	107	115	115	119	117	115	115	113	105	111	118	109	107	102	97	83	108	113	104	105	112	112	87	95	120	101	90	114	102		
	MITAL JB	C	C	JISCO JB	GLOCK JB	132	0	68	22	20	12	0.4	-1.1	640	0.1	0.2	0.0	0.3	0.5	-0.2	-0.1	0.2	89	88	113	101	110	105	105	100	99	110	100	110	96	94	85	100	102	94	112	120	119	109	103	104	98	106	113	109	116	87	99		
	VALFIN JB	C	C	NATIF JB	IMPOSTEUR	132	####	95	19	13	19	1.5	2.2	13	1.7	2.0	0.9	-0.1	1.1	0.5	-3.0	1.0	91	89	93	111	100	92	111	95	83	97	94	106	87	72	70	101	99	95	108	114	120	78	118	96	87	105	116	100	83	86			
	JOCKER JB	C	C	HIBOSA JB	REDON	132	0	71	18	14	27	-0.9	-0.1	569	0.8	0.8	0.5	-0.2	1.0	0.3	-0.2	0.7	88	88	118	112	115	117	113	106	117	117	109	100	118	117	112	103	93	104	110	114	107	106	107	104	89	108	112	111	101	93			
	GALPEJA JB	C	C	VIGOR JB	REDON	132	408	95	17	14	24	-1.0	-0.3	619	0.4	0.5	0.1	1.0	1.1	0.5	0.1	0.5	88	89	108	98	113	101	121	88	110	101	106	109	100	98	87	107	92	97	118	121	113	100	122	120	104	98	106	116	85	88	88		
	JOLYMPÉ JB	C	C	EXTRAFIN	URBANISTE	129	0	70	9	5	20	-0.8	1.6	330	0.9	0.9	0.5	1.2	1.3	0.9	-0.1	0.9	91	91	101	111	114	107	102	101	110	106	103	100	114	98	110	106	100	89	115	116	104	109	109	106	114	110	113	113	116	86	81		
	JUNKY JB	C	R	BRINK	CARDIFF JB	128	0	71	16	13	10	1.2	1.0	156	0.3	0.3	0.2	0.3	0.4	0.6	-0.5	0.7	90	89	99	117	110	109	114	108	112	99	109	119	101	94	91	109	97	108	105	89	111	101	120	82	90	111	113	110	119	86	95		
	GHANA JB	C	C	VALFIN JB	REDON	128	1821	95	15	15	3	0.4	-1.7	397	0.4	0.4	0.3	0.6	1.4	0.7	-1.9	0.5	91	89	93	98	111	97	118	91	98	99	107	104	99	105	86	107	84	107	117	128	112	91	127	102	80	108	144	100	114	97	93		
	HAENDEL JB	C	C	CARDIFF JB	SOJA JB	127	69	89	20	15	26	-0.4	0.3	487	0.8	1.4	-0.4	0.1	0.4	0.7	-1.3	0.5	89	89	85	98	117	115	122	101	114	117	107	97	102	106	90	105	101	109	116	105	122	126	112	96	112	110	115	110	109	101	88		
	HEXAM JB	C	C	VALFIN JB	ORAN JB	126	102	92	16	16	0	0.8	-1.8	291	0.6	0.9	0.1	0.4	0.6	0.1	-0.3	0.5	91	89	103	115	100	100	107	108	92	94	94	106	94	93	105	97	94	88	104	105	120	88	114	87	93	99	113	103	100	98	85		
	JERRY JB **	C	C	GRESIL JB	DEVIL JB	125	0	72	19	16	21	-0.9	-0.3	712	0.4	0.3	0.4	0.5																																					

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				ISU	daughters	Red %	INEL	Prot	Fat	Prot Cont	Fat Cont	MILK	Udder Health	Somatic Cells	Clinical Mastit	Reproductive	CFER	HEER	Calv First AI	Prod Life	Calving ease	Calving Ability	Milking speed	temperament	TYPE	Body capacity	Height Scrum	chest width	chest depth	body depth	Rump	rump length	width at hips	width at thurl	rump angle	Feet & legs	rear legs set	foot angle	Udder	fore udder att	rear udder height	rear udder width	udder depth	udder balance	udder cleft	Teats	teat place	teat direction	teat length	teat form	Mucularity		
Milk & Meat	MEDICIS JB	C	HARPON JB	RALBAN	145	0	70	40	34	35	-0.2	0.1	1028	0.1	-0.2	0.5	-0.1	0.4	-0.2	-0.8	0.8	90	90	98	99	113	120	114	114	109	123	103	108	109	118	120	106	104	116	102	101	82	98	92	115	102	107	103	108	92	96	105	102
	MARITON JB	C	ISTORIC JB	FRACAS JB	144	0	70	36	34	25	-0.5	-2.2	1150	-0.5	-0.4	-0.6	0.4	0.2	1.1	-0.3	0.4	89	88	98	108	120	112	111	110	105	112	100	97	99	96	91	112	93	101	119	117	106	116	111	112	99	103	129	127	104	98	102	102
	MALOX JB *	C	ISOMER JB	BEAULIEU JB	143	0	70	36	31	26	0.7	0.0	636	-0.2	0.1	-0.5	-0.1	-0.2	0.0	0.0	0.1	90	89	108	106	115	115	102	113	106	117	100	86	107	101	100	96	102	92	113	112	107	119	104	133	98	96	111	101	100	108	112	
	MEMORY JB	C	HARPON JB	BRINK	143	0	71	34	26	38	0.3	1.3	739	0.5	0.4	0.6	-0.4	-0.1	-0.4	-0.5	0.3	90	89	97	113	120	122	113	112	121	121	109	114	104	109	104	105	97	107	113	99	107	117	96	127	111	104	102	117	91	108	99	
	NORTUG JB	C	JUMPER JB	TILLEUL JB	142	0	69	43	40	25	0.0	-2.3	1198	0.0	0.3	-0.6	-0.5	0.1	-0.7	-0.8	0.3	90	88	104	113	107	111	106	112	106	108	96	96	88	91	99	103	98	108	102	101	115	116	104	95	93	111	87	97	106	111		
	LICRA JB	C	IBOV JB	TRIOMPHE	141	0	69	37	31	28	0.9	0.2	654	-0.7	-0.4	-1.1	0.0	-0.1	-0.1	0.2	-0.3	87	88	101	93	119	116	107	113	113	113	97	107	95	107	100	103	102	94	118	118	105	119	105	128	103	111	103	118	100	111	107	
	MERCATO JB	R	HARPON JB	ORAN JB	137	0	71	42	37	40	-1.1	-1.2	1141	-0.4	0.0	-0.8	-0.6	-0.2	-0.1	-1.2	0.1	87	88	104	105	112	114	118	103	112	115	113	112	109	104	97	111	90	109	102	106	104	116	95	101	87	112	103	95	97	104	99	
	JALGARY JB	C	CALGARY JB	REDON	134	0	71	29	25	18	1.4	0.4	437	0.0	-0.2	0.3	-0.8	-0.9	-0.6	0.1	-0.1	82	87	101	106	116	116	113	104	116	117	110	122	117	114	103	98	111	93	113	100	102	100	111	119	93	104	124	117	111	101	105	
	FUSHIA JB	C	TRIOMPHE	NATIF JB	133	52	89	32	25	32	0.7	1.9	530	0.3	0.5	-0.1	0.7	1.0	0.6	-0.7	-0.1	89	90	92	91	96	99	93	105	89	104	92	86	101	108	109	103	108	91	94	93	116	96	83	84	102	103	101	100	93	98	104	
	JINTAO JB	C	CARDIFF JB	UGOSTAR	133	0	72	30	24	29	0.6	1.3	545	-0.2	-0.3	-0.1	0.5	0.2	0.2	0.9	0.5	84	87	90	105	107	114	117	104	108	119	108	119	112	113	104	98	104	114	99	106	102	100	97	86	97	106	108	100	98	115	101	
	LACUZON JB	C	ESPRIT JB	CHIF	132	0	70	20	15	28	-0.2	1.4	440	1.0	1.2	0.5	-0.1	-0.1	-0.8	-1.0	0.5	91	88	102	104	114	105	101	106	105	100	100	109	102	94	103	102	92	96	118	126	106	91	110	120	107	102	124	109	102	105	111	
	NUMERIC JB	C	ITALIC	GALIN JB	131	0	67	21	18	21	-0.2	1.0	650	0.0	-0.1	0.3	-0.5	-0.1	-0.2	-1.1	1.0	88	88	113	119	120	109	113	97	115	109	110	108	96	100	80	93	100	101	125	114	104	126	112	121	106	114	126	133	129	88	105	
	ESPRIT JB	C	TILLEUL JB	NATIF JB	129	73	92	20	17	23	-1.1	-0.8	666	0.1	0.4	-0.5	0.0	0.2	0.5	-0.8	0.5	89	90	111	102	118	112	108	110	107	109	107	113	105	91	93	111	93	97	115	118	89	94	110	111	111	108	124	118	111	103	103	
	ISOMER JB	C	CRASAT	RALBAN	128	49	86	30	26	12	2.1	-0.2	223	-0.6	-0.9	0.0	-0.8	-0.7	-1.1	0.3	-0.1	87	85	109	110	106	102	105	109	89	102	93	90	80	93	91	99	99	101	108	107	103	111	101	121	84	100	115	108	97	99	112	
	GLOCK JB	C	RECU MS	TILLEUL JB	126	70	91	12	13	2	0.1	1.8	384	0.5	0.7	0.0	0.7	1.1	0.3	-0.4	-0.4	89	91	104	102	111	105	98	114	92	105	107	109	92	88	84	114	100	104	106	96	94	93	105	93	116	119	100	109	118	87	116	
	HONORIS JB	R	FLASH JB	RALBAN	124	127	93	28	28	12	0.3	-2.6	788	-1.4	-1.6	-0.8	-0.9	-1.1	0.6	-1.0	0.1	92	88	113	95	116	102	94	113	87	104	101	97	93	105	104	114	108	108	118	116	106	112	96	130	120	110	112	104	109	92	108	
	MEKES JB	C	IVIRIEU JB	URZANO JB	124	0	68	8	6	11	-0.4	0.4	407	0.7	1.0	0.1	0.5	0.1	0.4	0.8	0.4	84	90	113	93	112	99	105	95	103	100	113	100	108	108	100	98	94	118	98	111	99	120	124	97	112	107	122	126	89	107		
	FRIPON JB	C	TRIOMPHE	REDON	123	70	91	14	11	19	-0.8	0.0	533	-0.1	-0.5	0.5	0.1	0.3	-0.1	-0.3	0.9	90	89	109	119	115	102	95	107	98	102	94	92	102	115	119	106	94	90	121	112	107	114	105	117	123	97	138	121	100	114	107	
	FLASH JB	R	URBANISTE	REDON	119	1566	95	21	19	10	0.8	-1.1	407	-0.9	-1.1	-0.5	-1.2	-0.6	0.3	-2.4	0.3	91	86	107	117	117	108	107	111	124	103	107	103	105	113	104	110	109	112	106	100	103	100	112	124	108	108	106	105	88	107		
	EMINEM JB	C	OJOLI JB	SANTON JB	119	58	91	16	15	12	-0.4	-1.3	496	-0.4	-0.1	-0.9	-0.3	-0.6	0.0	0.4	0.1	86	91	106	117	115	116	110	112	116	109	111	110	105	99	89	93	112	85	111	113	103	107	105	113	100	94	113	125	109	111	111	
MIDAS JB	C	HORATIO	TILLEUL JB	119	0	70	13	14	3	-0.3	-1.5	395	-0.4	-0.6	0.1	-0.2	-0.2	-0.8	0.5	0.3	86	89	101	93	118	116	115	114	114	107	113	110	110	114	101	98	104	99	114	115	94	98	106	119	106	107	117	112	106	113			
HAPOINT JB	C	FLASH JB	TILLEUL JB	113	144	93	13	18	-9	-0.4	-4.9	632	0.1	0.1	0.1	-0.4	-0.2	-0.4	-0.3	-0.3	90	89	100	108	104	107	107	108	102	106	100	110	110	91	88	90	101	112	106	101	95	99	87	97	96	115	104	107	118	90	107		
EVEREST JB	C	RADIOSSO	NIKOS	109	484	95	0	3	2	-1.5	-2.3	429	0.8	0.7	0.8	-0.3	0.5	-0.8	-1.0	1.3	90	88	103	111	109	114	97	123	94	115	103	115	99	99	107	104	91	111	99	99	99	95	97	98	100	116	83	97	106	85	121		
Grazing	ITACHI JB	C	R BRINK	REDON	149	114	92	41	31	46	0.4	1.9	757	0.3	0.6	-0.1	0.9	0.8	1.5	-0.6	0.2	92	90	99	115	108	101	105	101	95	104	97	90	89	88	94	115	98	97	109	107	111	110	108	115	77	108	117	97	113	81	88	
	MEETIC JB **	C	GARGANO	DOLLEY	149	0	70	34	30	26	0.4	-1.2	863	0.4	0.4	0.2	0.2	0.1	0.4	0.1	1.1	91	89	118	116	110	102	103	94	109	103	100	105	94	89	105	112	100	111	111	107	109	115	95	126	102	99	106	114	106	105	91	
	MIZUNO JB **	C	HARPON JB	APPOLO JB	148	0	70	45	37	46	-0.5	1.0	1081	0.0	0.0	0.0	-0.1	0.4	0.0	-1.0	0.6	89	86	104	102	113	111	106	1																								