

TABLE 1: TOP 20 HOLSTEIN BULLS WITH GENOMIC INDEXES RANKED ON PROFITABLE LIFETIME INDEX (£PLI) DECEMBER 2017

Rank	£PLI	Bull name	Genomic	£PLI Rel%	Milk kg	Fat kg	Ptn kg	Fat %	Ptn %	SCC	Mast	LS	FI	dCE%	Maint	TB Adv	TM	Sire x maternal grandsire	Supplier GB/NI
1	812	MR RUBI-AGRONAUT 73287	G	64	399	33.9	20.2	0.22	0.09	-27	-4	0.7	13.1	-0.1	2	0.8	3.12	Rubicon x Shotglass	CBL
2	796	CLAYNOOK CASPER	G	63	759	31.1	29.8	0.01	0.06	-21	-3	0.7	13.4	0.2	14	0.8	2.35	Hang-Time x Bombero	WWS
3	795	VH BALISTO BROOK	G	66	497	40.5	23.7	0.25	0.09	-36	-6	0.7	8.9	0.9	2	1.4	1.6	Balisto x Denim	VIK/AIS
4	791	PEAK ALTADEPOT	G	63	605	28.0	20.4	0.05	0.01	-36	-5	0.9	17.6	0.6	7	0.7	1.98	Hotshot x Montross	ALT/GG
5	788	WESTCOAST PERSEUS	G	64	646	33.5	30.0	0.09	0.11	-25	-4	0.6	11.0	0.8	15	0.7	1.68	Penmanship x Doorman	SMX
6	785	PROGENESIS DOCTOR	G	63	811	34.1	29.6	0.02	0.04	-22	-3	0.7	10.5	-1.0	-6	1.9	1.84	Superhero x Delta	SMX
7	775	PREHEN LANCASTER	G	64	709	31.5	24.8	0.04	0.02	-14	-2	0.7	17.4	0.8	-3	0.6	1.53	Penmanship x Shamrock	GSU/UKD/AIS
8	773	PROGENESIS PADAWAN	G	64	956	23.9	32.2	-0.16	0.01	-22	-3	0.7	16.6	-0.4	20	0.2	2.19	Jedi x Enforcer	SMX
8	773	LEANINGHOUSE HELIX 22137	G	64	662	33.6	26.1	0.09	0.05	-32	-5	0.6	11.2	-0.2	11	2.0	2.38	Hang-Time x Jacey	WWS
10	757	G-DERUYTER ALTANITRO	G	63	746	40.4	27.1	0.13	0.03	-19	-3	0.6	10.5	0.4	5	0.3	1.78	Modesty x Kingboy	ALT/GG
11	752	ABS ACHIEVER	G	64	584	49.4	23.6	0.31	0.06	-17	-3	0.6	7.1	0.2	-4	1.2	2.18	Yoder x AltaEmbassy	GEN
12	750	NH SUNVIEW FANTASTIC	G	64	434	40.5	25.1	0.28	0.13	-37	-5	0.6	2.7	0.3	0	0.7	1.77	Flattop x Balisto	CBL
13	745	ABS MAYDAY	G	64	563	35.5	27.8	0.16	0.11	-29	-4	0.6	5.9	-0.7	9	2.6	2.37	Tailor x Balisto	GEN
14	744	WESTCOAST GUARANTEE	G	63	937	36.7	32.3	0.00	0.02	-32	-6	0.6	8.8	0.3	8	0.9	0.85	Boastful x Tango	SMX
15	742	OCD JAGUAR	G	64	655	27.0	25.3	0.01	0.05	-22	-3	0.7	11.5	0.0	-4	1.5	1.98	Modesty x Jacey	GEN
16	741	SANDY-VALLEY ALTAPACKARD	G	63	718	36.1	28.8	0.09	0.07	-36	-6	0.6	9.9	-1.2	31	1.2	1.41	AltaSuperstar x Kingboy	ALT/GG
16	741	PEAK ALTAKADE	G	63	626	33.1	27.2	0.10	0.08	-10	-1	0.5	10.5	0.2	-11	1.0	1.69	Powerball x Cashcoin	ALT/GG
18	740	VH BALISTO BRIXTON	G	65	67	28.6	18.4	0.33	0.20	-23	-4	0.6	8.2	1.5	-14	0.4	1.41	Balisto x Mandel	VIK
19	732	CAL-ROY-AL YODA	G	63	1082	48.7	38.8	0.07	0.04	-11	-1	0.5	1.5	-0.7	9	0.3	2.39	Jedi x Yoder	GEN
20	725	BOMAZ ALTATOPSHOT	G	65	945	40.1	34.0	0.03	0.04	-17	-3	0.6	6.6	0.4	9	-0.4	1.58	Supershot x AltaEmbassy	ALT/GG/GSU
20	725	WILTOR BESTMAN	G	64	964	35.0	28.3	-0.03	-0.03	-29	-4	0.8	5.5	0.3	-1	0.6	3.00	Tailor x Supersire	GEN

AIS = AI Services; ALT = Alta; CBL = Cogent Breeding Ltd; GEN = Genus ABS; GG = Global Genetics; GSU = GeneSource UK; SMX = Semex; UKD = UK Sires Direct; VIK = UK Viking Genetics; WWS = World Wide Sires.
 £PLI = Profitable Lifetime Index; £PLI rel% = £PLI reliability; FI = Fertility Index; LS = Lifespan Index; Mast = Mastitis PTA; SCC = Somatic Cell Count Index; dCE% = direct Calving Ease; TB Adv. = TB Advantage; TM = Type Merit; G = Genomic Information included.