

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

Rank	£PLI	Bull name	Geno- mic	£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	819	MR RUBI-AGRONAUT 73287	G	64	437	34.9	21.7	0.21	0.09	-24	-4	0.7	13.4	0.1	3	0.7	2.47	Rubicon x Shotglass	KSS
2	818	PEAK ALTADEPOT-ET	G	63	672	29.8	22.3	0.04	0.01	-36	-6	0.9	17.5	0.7	8	0.4	1.66	Hotshot x Montross	ALT/GG
3	791	VH BALISTO BROOK	G	65	507	40.4	24.4	0.24	0.10	-36	-6	0.7	8.8	1.1	4	1.0	1.04	Balisto x Denim	VIK
4	779	WESTCOAST PERSEUS	G	64	675	33.9	30.7	0.09	0.10	-25	-3	0.6	10.3	0.9	15	0.7	2.05	Penmanship x Doorman	SMX
4	779	PROGENESIS PADAWAN	G	63	985	25.8	32.5	-0.15	0.01	-22	-3	0.7	16.2	-0.4	21	0.0	2.43	Jedi x Enforcer	SMX
6	774	WESTCOAST GUARANTEE	G	63	1045	38.9	35.5	-0.03	0.02	-30	-5	0.6	8.9	0.5	8	0.7	1.24	Boastful x Tango	SMX
7	756	VH BALISTO BRIXTON	G	65	80	29.3	19.3	0.33	0.21	-23	-3	0.6	8.5	1.4	-15	0.6	1.52	Balisto x Mandel	VIK
8	751	PREHEN LANCASTER	G	64	635	29.6	22.9	0.05	0.03	-13	-1	0.7	17.1	1.0	-3	1.2	1.69	Penmanship x Shamrock	UKD
9	743	ABS ACHIEVER	G	64	592	48.7	23.2	0.30	0.05	-17	-3	0.6	6.8	0.2	-3	1.3	1.83	Yoder x Altaembassy	GEN
10	740	BOMAZ ALTATOPSHOT	G	63	994	41.2	35.0	0.02	0.03	-16	-2	0.6	7.3	0.4	7	-0.6	1.25	Supershot x Altaembassy	ALT/GG
11	733	PEAK ALTADUNCA-ET	G	63	714	38.8	29.8	0.12	0.08	-18	-2	0.6	5.1	0.6	-8	1.1	1.27	Hotshot x Balisto	ALT/GG
11	733	ABS MAYDAY	G	63	533	34.9	26.8	0.17	0.11	-29	-4	0.6	6.2	-0.3	10	2.8	2.18	Tailor x Balisto	GEN
13	729	WESTCOAST YAMASKA	G	63	688	37.6	29.2	0.12	0.08	-14	-2	0.6	7.7	-0.5	14	2.0	2.20	Afterburner x Yoder	SMX
13	729	DE-SU CURRY 13360	G	64	1168	45.6	40.5	0.00	0.03	-16	-3	0.5	5.3	-0.7	14	1.5	0.90	Jedi x Supersire	WWS
15	726	PEAK ALTAKADE	G	64	608	32.5	27.2	0.10	0.09	-9	-1	0.5	10.1	0.3	-10	0.6	1.81	Powerball x Cashcoin	ALT/GG
16	717	K&L BO DARWIN	G	63	476	28.2	25.0	0.11	0.12	-35	-6	0.6	6.0	0.3	5	2.6	1.61	Board x Balisto	GEN
16	717	INS PENMAN ENTERPRISE	G	63	646	29.1	27.2	0.04	0.07	-26	-4	0.7	9.0	0.5	10	1.0	1.42	Penmanship x Balisto	BUL
18	716	ENDCO ARGO	G	64	786	35.2	29.1	0.05	0.04	-21	-3	0.7	4.0	-0.5	4	1.1	2.56	Silver x Supersire	CBL
19	714	DE-SU MAXFLI 13243	G	64	663	40.4	26.6	0.17	0.06	-16	-2	0.6	7.3	0.7	6	1.2	1.99	Alco x Supersire	WWS
20	713	PEAK ALTARECOIL	G	63	674	24.9	26.3	-0.02	0.05	-13	-1	0.6	12.2	0.0	6	0.1	2.68	Altaspring x Jacey	ALT/GG
20	713	ABS MIXER-ET	G	63	550	28.9	25.9	0.09	0.10	-18	-3	0.6	7.5	0.8	-2	1.2	2.00	Trenton x Balisto	GEN

ALT = Alta; BUL = Bullsemen.com; CBL = Cogent Breeding Ltd; GEN = Genus ABS; GG = Global Genetics; KSS = King Street Sires; 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.