

**TABLE 1: TOP 20 HOLSTEIN BULLS WITH GENOMIC INDEXES RANKED ON PROFITABLE LIFETIME INDEX (£PLI) DECEMBER 2016**

Rank	£PLI	Bull name	Geno-mic	£PLI Rel%	Milk kg	Fat kg	Ptn kg	Fat %	Ptn %	SCC	LS	FI	dCE%	Maint	TB Adv	TM	Sire x maternal grandsire	Supplier GB/NI
1	779	WESTCOAST PERSEUS	G	63	635	35.3	28.8	0.12	0.10	-24	0.6	10.5	1.0	17	1.7	2.37	Penmanship x Doorman	SMX
2	762	BOMAZ ALTATOPSHOT-ET	G	63	849	41.8	32.4	0.10	0.06	-14	0.6	8.6	0.8	6	-0.1	1.36	Supershot x Altaembassy	ALT/GG
3	761	ENDCO ARGO -ET	G	63	811	39.2	29.2	0.08	0.03	-21	0.7	5.7	0.3	12	2.9	3.04	Silver x Supersire	CBL
4	753	DE-SU 13181 QUANTUM-ET	G	63	899	35.0	33.9	0.00	0.05	-16	0.6	7.5	0.5	15	1.5	2.60	Supershot x Mogul	GEN
5	737	ENDCO SUPERHERO	G	64	848	33.1	27.8	0.00	0.00	-17	0.7	10.9	0.1	14	3.0	2.86	Supershot x Numero Uno	CBL
6	734	PEAK ALTARECOIL-ET	G	62	668	25.2	25.4	-0.01	0.04	-13	0.6	12.9	0.1	5	1.6	2.95	Altaspring x Jacey	ALT/GG
7	729	ABS MAYDAY-ET	G	62	552	33.4	25.6	0.14	0.09	-25	0.6	7.4	-0.2	12	3.7	2.96	Tailor x Balisto	GEN
8	723	S-S-I 1STCLASS FLAGSHIP	G	64	840	39.6	25.7	0.07	-0.02	-19	0.6	9.1	0.5	9	1.7	3.11	Alta1stclass x Supersire	WWS
8	723	DG CHARLEY	G	63	968	34.3	28.8	-0.04	-0.03	-20	0.7	8.8	0.9	5	1.6	2.38	Supershot x Mogul	GEN
10	720	PROGENESIS UNICORN	G	63	583	28.2	20.1	0.06	0.01	-24	0.6	14.8	-0.1	6	2.5	2.77	Altaspring x Tango	SMX
11	714	SEAGULL-BAY-MJ APPLEJAX	G	63	724	27.8	26.1	-0.01	0.03	-22	0.6	12.2	0.5	7	2.7	1.92	Supershot x Numero Uno	GEN
12	713	ENDCO SUPREME-ET	G	63	709	31.2	27.2	0.04	0.05	-29	0.6	6.6	0.2	12	2.2	2.66	Cashflow x Platinum	CBL
13	711	CO-OP AARDEMA BLACK JACK	G	63	532	34.3	21.9	0.16	0.06	-19	0.6	10.3	0.6	2	2.1	2.09	Supershot x Numero Uno	BUL/AIS
13	711	BUSH-BROS DEIFY 355	G	63	813	28.1	26.5	-0.05	0.00	-12	0.6	12.2	1.3	0	0.9	2.34	Supershot x Mogul	SRL
15	707	SLIM TL	G	62	677	32.8	25.2	0.07	0.04	-18	0.7	8.7	0.6	7	1.6	1.68	Supershot x McCutchen	BUL
15	707	PEAK ALTATRUESHOT	G	63	735	32.9	28.9	0.05	0.06	-18	0.6	9.1	0.9	14	1.8	1.85	Supershot x McCutchen	ALT
17	706	VH BALISTO BROOK	G	65	464	38.1	21.2	0.24	0.07	-33	0.6	9.0	0.7	9	1.0	1.08	Balisto x Denim	VIK
18	705	PEAK ALTAKADE-ET	G	62	548	32.9	24.1	0.13	0.08	-12	0.5	9.0	0.4	-9	1.2	2.27	Powerball x Cashcoin	ALT/GG
19	701	TRIPLECROWN GATEDANCER	G	63	820	39.1	29.7	0.08	0.04	-14	0.5	6.1	0.7	7	2.5	2.86	Alta1stclass x Supersire	BUL/AIS
20	700	STANTONS CHECKERS	G	64	166	26.3	11.1	0.25	0.07	-15	0.8	13.5	1.0	-6	2.5	2.45	Predestine x Freddie	SMX

AIS = AI Services; ALT = Alta; BUL = bullsemen.com; CBL = Cogent Breeding Ltd; GEN = Genus ABS; GG = Global Genetics; SMX = Semex; SRL = Sterling Sires; VIK = UK Viking Genetics; WWS = World Wide Sires. £PLI = Profitable Lifetime Index; £PLI rel% = £PLI reliability; dCE% = direct Calving Ease; FI = Fertility Index; LS = Lifespan Index; SCC = Somatic Cell Count Index; TB Adv = TB Advantage; TM = Type Merit.