

Top 200 TPI Bulls December 2019

(Semen Status is Active and Foreign with a minimum of 80% traditional US reliability OR 85% Genomic reliability for production and type)

HOLSTEIN ASSOCIATION USA, INC 2019

Rank	Name		%	RHA	NAAB	PRODUCTION						HEALTH				CONFORMATION						
						Pro	Fat	MILK	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R	UDC	FLC	BWC	TPI	
1	AOT SILVER HELIX-ET	TR TP	100	NA	14HO07770	83	143	2395	295	99	2.96	3.9	88	-1.8	0.0	2.05	97	1.67	1.00	0.43	2869	G
2	BOMAZ ALTATOPSHOT-ET	TR TP	99	I	11HO11779	80	109	2128	254	98	2.67	7.4	87	2.7	1.4	0.93	90	0.83	0.17	0.16	2801	G
3	MR RUBICON DYNAMO-ET	TR TC	100	NA	551HO03416	74	91	2174	220	90	2.73	7.0	82	3.6	-0.4	2.04	85	2.19	1.59	0.00	2784	G
4	S-S-I JOSUPER ROCKETFIRE-ET	TR TP	99	I	7HO13454	92	76	2999	208	96	2.84	8.1	85	4.6	0.9	1.69	90	1.47	0.52	1.02	2762	G
5	PINE-TREE BURLEY-ET	TC TY	99	I	29HO18225	62	111	1674	235	99	2.88	6.0	88	2.0	1.7	1.50	92	1.16	1.63	-0.24	2760	G
6	EDG RUBICON-ET	TR TC	100	NA	151HO00681	55	114	1220	224	99	2.81	6.5	97	3.1	-0.6	2.15	99	1.66	2.53	0.55	2743	G
7	WET RODGERS MYLES	TR TP	100	NA	14HO07804	63	69	1718	174	96	2.74	6.0	86	2.4	2.0	2.16	88	2.66	1.53	0.43	2730	G
8	PEAK HOTLINE-ET	TY TV	100	NA	97HO41774	64	103	1500	208	95	2.85	2.7	85	-1.4	-1.2	3.45	90	3.00	2.29	1.63	2727	G
9	WELCOME SILVER GRIFF-ET	TR TP	100	NA	14HO07796	68	117	1385	260	96	3.09	4.2	86	0.7	0.8	1.56	89	1.79	1.23	-0.30	2725	G
10	S-S-I MONTROSS DUKE-ET	TR TP	100	NA	250HO13267	93	132	2849	283	99	2.83	3.5	89	-2.6	-2.8	2.13	97	2.01	-0.07	1.11	2722	G
11	MELARRY JOSUPER FRAZZLED-ET	TR TP	99	I	7HO12788	60	95	2096	201	99	2.37	7.8	87	3.2	0.1	1.36	94	1.92	0.48	-0.09	2717	G
12	IHG ABS JERICHO-ET	TR TC	99	I	29HO18110	67	102	1765	217	94	2.73	5.6	84	1.1	-0.4	2.20	89	2.30	0.80	0.90	2713	G
13	MR MCCUT DANTE 1407-ET	TC TY	99	I	203HO01513	89	101	2718	250	99	2.89	4.6	92	1.0	-1.5	2.32	97	1.52	0.70	0.18	2713	G
14	MR MOGUL DELTA 1427-ET	TR TC	100	NA	203HO01468	53	86	1584	201	99	2.92	7.2	98	3.0	1.2	2.16	99	2.81	1.44	-1.35	2709	G
15	BOMAZ ALTAROBSON-ET	TP TC	99	NA	11HO11778	50	86	375	178	90	2.78	7.3	82	3.0	3.6	1.59	85	1.09	1.26	1.78	2704	G
16	L-L-M-DAIRY POND PASSAT-ET	TR TP	99	I	7HO12659	54	98	1705	204	97	2.88	7.6	88	2.0	2.5	1.05	91	1.62	0.58	-0.41	2699	G
17	SIEMERS BLOOMFIELD-ET	TR TP	100	NA	777HO10693	28	106	278	186	94	2.75	5.9	85	3.0	2.5	2.24	91	2.89	0.79	-0.06	2698	G
18	DE-SU MILLINGTON 12074-ET	TR TP	99	I	7HO12421	59	114	1540	236	99	2.64	4.0	94	-0.2	0.4	1.88	98	1.60	0.87	-0.30	2697	G
19	HURTGENLEA YDR OUTSIDERS-ET	TR TP	100	NA	7HO12819	68	98	2251	206	97	2.84	5.5	86	2.5	0.3	1.74	93	1.58	1.48	0.84	2697	G
20	SANDY-VALLEY EVEREST-ET	TR TP	99	NA	7HO12821	61	121	1488	247	97	2.69	6.1	86	2.8	0.8	0.72	92	0.93	0.28	-0.07	2695	G
21	UECKER SUPERSIRE JOSUPER-ET	TR TC	99	I	29HO17553	90	105	3102	236	99	2.82	6.2	98	2.4	-1.6	1.42	99	1.22	-0.15	1.25	2689	G
22	SILVERRIDGE V EUGENIO-ET	TR TP	99	NA	200HO10549	60	70	2073	151	97	2.66	6.3	86	1.5	1.1	2.47	93	2.58	1.00	1.36	2681	G
23	ABS ROWDY-ET	TC TY	99	I	29HO17947	83	108	2654	249	98	2.79	6.9	88	2.4	-0.2	0.94	90	0.64	-0.76	0.10	2678	G
24	CO-OP TROY PILEDRIVER-ET	TR TP	99	I	1HO12786	98	115	3368	274	98	3.23	4.3	87	-0.3	-3.6	2.12	92	1.50	1.71	0.07	2674	G
25	SIEMERS U-BEST-ET	TR TP	99	I	200HO10694	49	91	970	175	91	2.50	6.2	81	1.5	1.8	2.00	85	1.31	1.19	1.50	2672	G
26	PEAK ALTAAMULET-ET	TR TP	99	I	11HO11725	71	75	2259	189	97	2.79	5.7	87	1.4	-0.5	2.22	94	2.93	1.24	0.23	2670	G
27	BOMAZ ALTAUPSHOT-ET	TR TP	99	I	11HO11781	76	97	2489	231	96	2.88	6.1	85	2.1	1.7	0.81	89	0.78	-0.36	-0.38	2665	G
28	DE-SU 13050 SPECTRE-ET	TR TC	99	I	29HO18208	62	124	1667	248	90	2.91	5.1	82	0.8	0.4	1.25	85	0.77	0.39	0.02	2656	G
29	SILVERRIDGE V ETESIAN-ET	TR TP	99	NA	200HO10606	59	71	2245	154	90	2.78	6.1	83	1.3	1.5	2.55	87	2.13	1.25	0.81	2655	G
30	PLAIN-KNOLL YODR INFERNO-ET	TR TP	100	NA	7HO12864	39	82	921	162	94	2.82	6.9	86	2.9	2.7	1.81	92	2.44	1.67	0.17	2653	G
31	S-S-I KINGPIN PHANTOM-ET	TR TP	99	NA	7HO13334	82	106	2256	240	98	2.82	2.9	87	-0.8	-1.8	2.22	93	1.68	0.56	1.10	2648	G
32	ABS RAIDEN-ET	TC TY	99	I	29HO17941	58	106	2016	219	98	2.71	6.8	87	4.4	-0.6	1.04	95	1.97	-0.30	-0.66	2646	G
33	WOODCREST MOGUL YODER-ET	TR TP	100	NA	7HO12266	48	101	1020	211	99	3.01	5.1	99	2.9	1.4	1.52	99	1.91	1.30	-0.62	2646	G
34	MR MOGUL DENVER 1426-ET	TC TY	100	NA	151HO00690	76	106	2408	240	99	3.07	2.9	95	-1.5	-1.5	2.09	99	2.85	0.91	-0.12	2644	G
35	PINE-TREE VERONA-ET	TR TC	99	I	29HO18197	51	90	898	198	92	2.79	4.9	83	2.4	1.6	1.57	87	1.91	1.03	0.02	2638	G
36	OCD JOSUPER ZAMBONI-ET	TR TP	99	I	7HO12837	62	77	1910	184	93	2.72	5.3	84	0.5	-0.4	2.44	88	2.61	1.35	0.01	2636	G
37	DE-SU 12693 SKYFALL-ET	TC TY	99	I	29HO17918	46	101	1273	191	98	2.70	6.6	87	2.9	1.3	1.29	93	1.33	1.10	0.33	2635	G

38 SANDY-VALLEY CALVON-ET	TR TP	99	NA	777HO10574	53	75	1515	165	92	2.48	6.4	83	3.5	1.1	1.67	89	1.84	0.63	0.47	2635	G
39 CLEAR-ECHO SUMO 569-ET	TR TP	99	I	7HO12801	71	71	2005	191	96	2.89	6.1	86	1.8	2.8	1.08	93	0.94	0.72	0.04	2629	G
40 MR NOM DECKER 54304-ET	TC TY	99	NA	151HO03142	73	78	1810	216	96	2.69	7.0	87	4.4	1.8	0.63	89	0.91	-0.37	-0.65	2629	G
41 BACON-HILL HURRICANE-ET	TR TP	100	NA	14HO07714	49	88	1386	173	98	2.74	2.9	88	-0.9	1.0	2.32	96	3.16	1.16	0.75	2628	G
42 PEAK ACCELRENOWN-ET	TR TP	100	NA	14HO07811	38	79	1073	145	97	2.94	4.8	87	4.0	1.5	2.74	94	3.07	1.62	0.81	2628	G
43 PEAK LIGERO-ET	TY TV	96	NA	97HO41744	55	92	1513	199	94	2.91	5.1	83	1.9	1.8	1.21	85	1.32	1.56	-0.22	2628	G
44 PEAK ALTATURNKEY-ET	TR TP	99	I	11HO11718	48	103	1063	213	97	2.87	5.9	87	0.8	1.6	1.62	94	1.38	0.58	-0.58	2626	G
45 SILVERSTREAM PORTER-ET	TR TP	100	NA	200HO10532	36	79	967	143	92	2.69	5.5	84	1.3	1.8	2.49	86	2.65	1.60	0.79	2622	G
46 OCD SPRING SAMURI-ET	TR TP	99	I	7HO12897	50	86	850	183	95	2.90	5.8	84	1.9	2.1	2.00	90	1.71	0.81	0.70	2618	G
47 SEAGULL-BAY RIVERWIND-ET	TC TY	99	NA	29HO18217	45	79	968	167	90	2.85	6.0	82	2.0	2.2	1.65	87	2.30	1.30	0.32	2613	G
48 FUSTEAD TANGO LYLAS-ET	TR TP	100	NA	7HO12597	44	91	1372	180	99	2.81	4.1	88	-0.7	3.0	1.75	96	1.72	1.20	-0.27	2612	G
49 BEN-AKERS SLUGGER-ET	TC TY	99	I	29HO18244	40	77	937	166	90	2.75	5.0	81	1.9	2.4	1.50	86	2.59	1.50	-0.56	2609	G
50 DE-SU ALTALEAF-ET	TR TP	99	I	11HO11478	66	90	2362	191	99	2.73	4.3	96	1.4	-0.5	2.36	96	1.60	1.25	0.67	2605	G
51 PLAIN-KNOLL S-S-I JAGUAR-ET	TR TP	99	I	7HO13504	65	98	1487	214	93	2.81	5.5	83	1.5	-1.5	1.63	87	1.77	0.85	0.87	2601	G
52 MR JACEY DECOY 57578-ET	TC TY	99	I	203HO03005	92	54	2799	207	98	2.74	5.6	86	1.8	0.7	1.09	88	1.03	0.86	-0.85	2599	G
53 SEAGULL-BAY SR STARDUST-ET	TC TY	99	I	29HO18215	47	73	884	168	90	2.83	4.6	81	0.5	2.6	1.48	87	2.22	1.68	0.02	2595	G
54 ENDCO APPRENTICE-ET	RC CD	99	NA	200HO10648	56	69	1714	167	97	2.61	6.0	86	1.0	1.4	1.72	95	1.87	0.49	-0.12	2594	G
55 MR SALVATORE RC-ET	RC TP	100	NA	534HO00061	53	70	1978	145	96	2.60	6.9	85	2.3	-0.2	2.29	90	1.90	2.06	0.92	2591	G
56 NO-FLA ALTACRAIG-ET	TR TP	96	I	11HO11749	55	69	1232	167	97	2.57	7.0	87	2.7	0.8	1.66	94	1.96	1.00	0.44	2590	G
57 COOKIECUTTER HARPER-ET	TR TC	99	NA	29HO17747	58	79	561	198	96	2.76	4.5	87	0.3	0.5	2.03	92	1.54	2.03	0.50	2588	G
58 PLAIN-KNOLL KING ROYAL-ET	TR TP	99	NA	7HO12787	49	74	857	164	97	3.01	2.7	86	-1.3	0.4	3.37	93	3.12	2.13	0.85	2587	G
59 PROGENESIS ORION-ET	TR TP	99	NA	777HO10457	49	74	1896	146	98	2.72	4.2	87	-1.7	1.4	2.86	96	2.58	1.06	0.68	2587	G
60 SYNERGY SECOYA-ET	TC TY	100	NA	29HO18263	47	62	1386	148	90	2.73	7.2	82	3.0	1.8	1.61	87	2.77	0.55	-0.24	2587	G
61 ABS MANSFIELD-ET	TR TC	99	I	29HO18006	84	60	2418	187	97	2.82	5.1	87	0.9	0.2	1.82	91	1.63	-0.20	0.67	2582	G
62 WEIGELINE JACEY TABASCO-ET	TR TP	99	I	1HO11376	85	63	2360	195	99	2.66	4.2	94	-1.5	1.0	1.55	94	0.82	0.55	0.55	2582	G
63 CHARPENTIER BUBBLEBOX-ET	B/R TP	99	I	200HO10626	52	72	1834	155	96	2.82	7.0	86	2.0	0.8	1.44	90	2.49	1.21	0.35	2581	G
64 BOMAZ ZIGZAG-ET	TC TY	99	I	29HO18267	64	103	1863	228	94	2.89	4.5	83	2.0	-1.9	1.56	88	1.53	1.07	-0.48	2580	G
65 COMYN-PBCD JITTERS-ET	TC	99	I	29HO18167	54	58	1983	126	90	2.81	6.8	82	3.4	3.3	1.34	86	1.84	0.55	1.36	2580	G
66 ENDCO SUPERHERO-ET	TR TP	99	NA	534HO00052	49	54	1069	131	97	2.63	6.9	87	2.0	3.0	1.88	93	2.05	0.15	1.12	2580	G
67 SANDY-VALLEY CENTER	TR TP	100	NA	200HO10522	50	102	1286	196	92	2.75	5.0	83	2.5	-0.1	1.53	90	1.61	0.42	0.65	2580	G
68 WILRA BIXBY-ET	TC TY	99	I	29HO18109	41	105	974	216	97	2.75	4.6	87	1.0	-1.5	2.03	90	2.83	1.60	-1.59	2580	G
69 SEAGULL-BAY-MJ APPLEJAX-ET	TC TY	99	NA	29HO18158	53	59	1206	146	90	2.58	5.7	82	1.8	3.4	1.25	90	1.41	0.56	0.83	2579	G
70 SIMPLE-DREAMS CAUTION-ET	TR TC	99	I	29HO18186	61	53	1702	128	92	2.67	6.8	83	3.9	0.9	2.13	88	2.09	1.15	2.18	2579	G
71 WILRA COLEMAN-ET	TC TY	99	I	29HO18077	42	111	1408	203	97	2.91	6.8	87	3.9	1.8	0.61	91	1.11	-0.57	-0.42	2577	G
72 LARCREST COLLUDE-ET	TR TC	99	NA	29HO17784	48	57	645	159	99	2.59	6.0	92	1.8	2.1	1.75	95	2.28	0.60	-0.37	2576	G
73 S-S-I ULMER URIAH-ET	TR TP	99	I	7HO13378	37	84	803	161	95	2.77	4.8	86	1.9	1.5	1.93	90	2.54	0.59	0.30	2574	G
74 MR PRE DIRECTOR 57512-ET	CD TY	100	NA	151HO01602	46	56	661	149	98	2.79	7.6	87	6.2	2.9	1.40	96	1.96	0.24	0.02	2573	G
75 SEAGULL-BAY JO DANCER-ET	TR TC	99	I	29HO18018	58	108	1210	222	98	2.64	6.0	88	2.3	-0.3	1.18	93	0.86	-0.42	0.54	2573	G
76 SANDY-VALLEY EFFUSIVE-ET	TR TP	99	NA	777HO10589	73	105	2413	239	95	2.98	4.5	84	1.6	-1.7	1.47	87	1.22	-0.02	-0.56	2572	G
77 SILVERRIDGE V EUCLID-ET	TR TP	99	NA	777HO10550	58	80	1971	165	97	2.82	5.5	87	1.8	0.4	1.97	94	1.78	0.93	1.09	2570	G

78	ROSYLANE-LLC SPOCK-ET	TC TY	99	NA	29HO18182	40	114	608	205	97	2.81	5.0	86	0.0	-0.6	1.72	90	1.70	1.36	0.59	2569	G
79	TEEMAR ASTON-ET	TC TY	99	I	29HO18076	70	92	2252	204	92	2.82	6.1	84	2.4	0.0	0.86	89	0.58	0.89	0.62	2567	G
80	S-S-I DAMARIS WINSTON-ET	TR TP	99	I	7HO13326	69	57	2117	178	96	3.05	6.3	87	3.3	1.4	1.41	90	1.98	0.54	-0.83	2562	G
81	SYRYCZUK SILVR BLOWTORCH-ET	TR TP	99	I	1HO11905	49	68	1190	137	99	2.46	5.4	87	0.2	1.3	1.63	96	1.68	1.40	1.92	2562	G
82	VIEW-HOME MANDATE-ET	TR TP	100	NA	777HO10196	61	95	1881	218	99	2.68	4.3	92	1.5	-0.3	1.77	96	1.26	-0.36	-1.02	2562	G
83	HIGHERRANSOM AZOR-ET	TR TP	100	NA	7HO12605	54	59	1655	159	98	2.91	4.9	88	-0.2	2.6	1.41	95	2.93	0.04	-0.76	2560	G
84	MR OAK DIXON 57482-ET	TC TY	99	I	151HO01611	70	87	1946	210	96	2.77	4.8	84	2.1	-0.9	1.69	88	1.36	0.45	0.10	2558	G
85	PINE-TREE JUMPSHOT-ET	TC TY	99	I	29HO18054	52	89	1412	187	98	2.80	6.4	87	2.5	0.8	1.23	89	1.42	0.48	0.18	2558	G
86	S-S-I MONTROSS PREMIUM-ET	TR TP	100	NA	7HO13262	54	92	1495	183	99	2.83	3.6	88	-2.6	0.0	2.46	97	2.18	1.40	0.96	2554	G
87	BUSH-BROS JAMOCHA-ET	TC	99	I	29HO18189	67	99	1662	214	91	2.98	4.3	81	0.8	-0.1	1.18	86	0.98	0.62	0.96	2553	G
88	PLAIN-KNOLL FOXHOLE10128-ET	TR TP	100	NA	7HO12742	80	95	2533	217	95	2.88	3.9	87	-0.8	-0.9	0.82	91	1.23	0.50	1.07	2553	G
89	S-S-I MONTROSS JEDI-ET	TR TP	99	I	7HO13250	84	37	2512	152	99	2.73	6.0	94	-0.3	1.5	1.57	99	1.73	-0.33	1.00	2552	G
90	MR MOGUL DION 15008-ET	TC TY	100	NA	203HO01470	52	70	871	195	99	2.59	5.5	95	2.1	1.3	0.87	94	1.79	0.53	-1.60	2548	G
91	MR COIN DRACO 15006-ET	TR CD	100	NA	151HO00698	63	57	1858	173	99	2.83	7.5	93	3.7	1.2	1.27	98	2.55	-1.06	-0.98	2547	G
92	SEAGULL-BAY SLVR KIMBALL-ET	RC TC	100	NA	29HO18073	28	56	196	114	96	2.87	6.2	87	1.5	2.6	2.30	93	3.46	1.53	0.71	2547	G
93	COOKIECUTTER SS HASHTAG-ET	TR TP	100	NA	7HO12796	62	73	1848	160	95	2.86	4.2	86	-0.1	-0.7	2.75	92	2.34	1.22	1.59	2544	G
94	ABS BENSON-ET	TC	100	NA	29HO17913	59	86	1688	202	95	2.73	5.2	87	1.0	0.3	0.85	91	1.91	0.15	-0.71	2541	G
95	T-SPRUCE SUPRSHT WIGGINS-ET	TR TP	99	NA	7HO12724	76	44	1945	156	95	2.86	4.6	85	0.4	0.9	2.33	92	2.16	0.03	1.01	2541	G
96	PEAK ACCELFORCE-ET	TR TP	99	I	14HO07780	55	73	2076	169	96	2.94	5.8	86	2.3	1.4	1.44	92	1.70	0.83	-0.59	2540	G
97	LADYS-MANOR SP OAK GROWL-ET	TR TC	99	I	29HO18250	62	66	1892	176	95	3.05	5.0	84	2.3	0.8	1.23	90	2.35	1.12	-0.45	2538	G
98	PEAK ALTATIEROD-ET	TR TP	96	NA	11HO11823	73	73	2462	168	93	2.83	3.3	82	0.4	-0.5	2.21	86	1.38	1.39	1.77	2538	G
99	LADYS-MANOR MTRS LOYALTY-ET	TR TP	99	NA	7HO12690	50	71	1628	156	95	2.96	4.6	85	1.6	0.8	2.14	92	2.78	0.82	0.12	2537	G
100	DE-SU 12928 FLIPSIDE-ET	TC TY	99	I	29HO18135	55	65	2053	131	91	2.71	5.6	84	1.2	-1.0	2.66	89	2.81	1.30	1.66	2536	G
101	ABS BELLAMY-ET	TC TY	100	NA	29HO17912	68	77	2055	199	92	2.93	3.8	86	-0.7	-1.1	1.89	89	2.93	0.62	-0.47	2535	G
102	COYNE-FARMS SYMPATI PAT-RED	TP TC	99	I	7HO12436	52	66	1260	161	99	2.80	5.8	93	1.3	0.6	1.73	97	2.37	1.54	0.07	2534	G
103	DE-SU 12659 TACTIC-ET	TC TY	99	NA	29HO17919	42	79	785	174	93	2.72	5.2	86	2.9	-0.1	2.05	89	2.07	1.96	-0.43	2534	G
104	MR MOGUL DRAMA 1435-ET	TC TY	100	NA	151HO00695	68	71	2256	198	99	2.97	5.5	92	0.6	-1.1	1.59	95	2.32	1.28	-1.32	2534	G
105	RONELEE MIDNIGHT DETOUR-ET	TC TY	100	NA	513HO03091	48	61	1075	160	99	2.83	5.4	89	2.1	1.1	1.69	98	2.53	1.51	-0.66	2534	G
106	DE-SU 12925 KEENAN	TR TC	99	NA	29HO18136	50	74	998	147	93	2.69	5.3	85	1.5	0.3	2.11	90	2.00	0.49	2.13	2532	G
107	HORSTYLE MONTROSS MORRIS-ET	TR TC	100	NA	29HO18119	53	61	1707	157	99	2.80	4.9	87	-0.6	0.0	1.69	93	3.00	1.64	-0.62	2531	G
108	ZIMMERVIEW TOMEK 562-ET	TR TP	100	NA	7HO12657	63	74	1804	171	95	2.87	3.1	87	-0.4	-0.6	2.69	91	2.01	1.60	1.07	2531	G
109	PEAK ALTAOCASO-ET	TR TP	96	NA	11HO11732	69	82	2158	199	96	2.86	4.0	85	0.7	-0.1	1.01	86	0.82	1.37	0.00	2530	G
110	WESSELCREST ALTALAMBEAU-ET	TR TP	99	NA	11HO11652	78	59	2274	179	97	2.93	3.0	87	-1.0	0.7	1.35	89	2.05	1.10	0.47	2530	G
111	OCD JABIR HEISENBERG-ET	TR TP	99	NA	7HO12569	34	61	376	106	99	2.89	3.6	89	0.1	3.4	2.71	98	1.90	1.70	2.49	2524	G
112	S-S-I MONTROSS MEGAMAN-ET	TR TP	100	NA	7HO13302	49	65	1069	173	99	2.67	6.5	87	1.9	2.4	0.84	91	1.47	0.40	-1.16	2524	G
113	DE-SU SANDERSON 12923-ET	TR TP	100	NA	7HO12830	77	66	2602	183	95	2.65	5.4	86	1.4	-0.6	1.15	93	1.29	0.10	0.23	2523	G
114	MR BOMAZ ALTAMEGLO-ET	TR TP	99	I	11HO11499	62	69	1940	179	99	3.16	5.3	94	2.2	2.9	0.66	95	0.94	1.07	-0.46	2522	G
115	AURORA BERGEN 359-ET	TR TP	100	NA	7HO12761	42	60	1156	142	93	2.61	5.6	84	2.1	1.1	1.65	89	2.61	1.10	-0.37	2521	G
116	CO-OP ME LANDMINE-ET	TR TP	99	NA	1HO13087	63	75	2144	176	94	2.78	4.7	84	0.6	1.5	0.81	85	0.64	0.48	0.20	2521	G
117	LAKEVIEW-MACK PIERPONT-ET	TC TY	99	I	29HO18192	66	73	2108	173	91	2.77	5.2	82	1.9	0.0	1.40	87	1.13	0.64	0.81	2521	G

118	MR OAK DELCO 57279-ET	TC TY	99	I	151HO00744	70	74	2603	197	99	2.95	5.8	92	3.2	0.0	0.97	98	1.40	-0.15	-1.16	2521	G
119	MR DREARY XY-ET	TC TY	100	NA	513HO00016	51	98	941	203	98	2.94	6.1	85	3.7	1.9	0.32	86	0.37	-0.39	0.32	2519	G
120	NO-FLA SIZZLER-ET	TR TC	99	I	29HO18166	37	88	734	184	95	2.72	6.2	85	1.7	-1.1	1.41	91	2.39	1.87	-1.01	2519	G
121	S-S-I SNOWMAN MAYFLOWER-ET	TR TP	100	NA	7HO11621	80	55	2577	173	99	2.81	6.1	99	3.5	0.8	0.91	98	0.79	1.13	0.38	2518	G
122	CO-OP RENEGADE-ET	TR TP	99	NA	1HO11863	41	83	1119	159	99	3.01	1.7	96	-0.6	1.0	2.71	97	2.09	2.67	0.54	2517	G
123	S-S-I TETRIS VERTEX-ET	TR TP	99	I	7HO13253	45	80	2055	159	95	2.80	5.2	85	0.8	0.1	2.35	91	1.91	1.28	-0.58	2517	G
124	RICHMOND-FD EL BOMBERO-ET	TR TP	100	NA	777HO03950	42	68	1513	127	99	2.51	5.7	98	2.5	0.9	1.94	99	1.99	0.40	1.10	2515	G
125	COOKIECUTTER HERWIN-ET	TR TP	100	NA	14HO12604	47	75	999	167	94	2.82	4.0	87	-1.0	1.2	2.03	91	2.20	0.82	0.17	2514	G
126	DOUBLE-EAGLE TANG HUTTON-ET	TR TP	100	NA	7HO12486	54	77	1183	194	98	2.77	2.9	88	0.0	0.8	1.67	91	1.95	0.15	-0.95	2514	G
127	MR DAY DEARING 1445-ET	TC TY	100	NA	203HO01469	60	65	1711	189	99	3.02	5.7	93	3.9	0.0	1.54	96	1.94	0.94	-1.69	2514	G
128	S-S-I EPIC MIDNIGHT-ET	TR TP	100	NA	7HO11946	53	57	1253	156	99	2.71	6.6	99	3.6	2.3	0.70	98	1.58	0.59	-0.23	2511	G
129	DE-SU ROOKIE 11057-ET	TR TP	99	NA	7HO11708	45	83	1258	174	99	2.83	5.2	90	1.7	1.2	1.55	94	1.38	0.92	-0.31	2510	G
130	WESTENRADE ALTASPRING-ET	TR TP	99	I	11HO11437	49	75	1077	166	99	3.04	2.8	96	-0.8	-0.1	2.33	99	3.17	1.30	0.40	2510	G
131	WILRA HARVEST-ET	TC TY	99	I	29HO18043	35	53	888	111	96	2.84	4.9	88	1.2	1.3	3.38	93	2.64	2.07	0.70	2510	G
132	NO-FLA ALTAHIFASHN-ET	TR TP	93	NA	11HO11601	48	47	1403	138	96	2.59	6.1	87	2.6	1.1	1.24	87	2.10	2.28	-0.82	2506	G
133	BOLDI V ARMOUR-ET	TR TP	99	I	777HO10259	43	73	993	140	98	2.52	4.1	89	0.7	1.8	1.77	94	1.11	0.87	1.47	2505	G
134	MELARRY ALTAFLACCO-ET	TR TP	99	I	11HO11750	55	89	1400	201	96	2.62	5.6	86	2.8	0.2	0.38	89	0.90	0.00	-0.45	2505	G
135	EDG MOGUL ROWDY 8065-ET	TC TY	100	NA	151HO00756	70	102	2638	225	97	2.90	4.4	86	-0.1	-2.5	1.29	91	0.90	1.43	-0.57	2504	G
136	S-S-I AICON ASHTON-ET	TR TP	99	I	7HO13473	67	74	1859	191	97	2.88	4.1	87	0.6	-0.6	1.64	91	1.14	1.43	-0.03	2504	G
137	PEAK ALTAMENTO-ET	TR TP	100	NA	11HO11598	37	56	670	125	94	2.83	6.7	85	1.9	4.5	1.37	86	1.21	1.51	0.47	2502	G
138	S-S-I SUPERSIRE TETRIS-ET	TR TP	99	I	7HO11985	63	91	2251	202	99	2.78	5.8	95	1.0	0.1	0.93	93	0.92	-0.24	-0.36	2500	G
139	MR OCD EPIC DRAGONHEART-ET	TR TP	100	NA	7HO12111	52	60	2195	138	99	2.90	4.4	96	2.9	1.2	2.03	97	2.50	0.72	-0.09	2497	G
140	EDG BOB CYPRUS 15120-ET	TC TY	99	I	151HO00742	43	73	600	148	96	2.70	2.8	85	-0.8	2.7	2.06	94	1.64	-0.04	1.48	2495	G
141	MR OCD ROBUST DONATELLO-ET	TR TP	100	NA	7HO11525	48	74	1182	184	99	2.91	4.1	99	3.4	1.8	1.12	99	1.33	0.57	-1.43	2494	G
142	GLEN-D-HAVEN ALTAHOTROD	TR TP	100	NA	11HO11493	72	76	2258	178	99	2.98	2.1	94	-0.3	-0.1	2.29	97	1.28	0.83	1.44	2486	G
143	SEAGULL-BAY-MJ SOLARIS-ET	TC TY	99	NA	29HO17964	51	64	1292	178	99	2.83	5.6	89	2.2	2.3	0.76	95	1.23	0.12	-1.67	2486	G
144	SPRUCE-HAVEN MARGIN-ET	TC TY	99	NA	29HO18173	35	77	548	141	94	2.90	4.7	85	0.3	0.3	1.85	91	2.38	2.40	1.24	2486	G
145	ZIMMERVIEW MOGUL BUTLER-ET	TR TP	100	NA	7HO12195	64	47	2000	147	99	2.93	5.5	97	1.5	1.0	1.85	98	1.08	1.92	0.02	2486	G
146	SANDY-VALLEY SALOON-ET	TR TP	100	NA	200HO02792	77	90	2364	198	99	3.02	-0.3	97	-1.8	-1.7	2.82	98	1.42	0.92	1.89	2485	G
147	MR UNO DESIGN 1428-ET	TC TY	100	NA	151HO00693	51	55	1369	147	95	2.58	5.2	87	2.0	1.1	1.80	91	1.90	0.57	-0.26	2484	G
148	S-S-I PARTYROCK PROFIT-ET	TR TP	99	I	7HO13195	59	34	1190	151	99	2.66	6.9	94	2.1	0.7	1.33	99	2.14	0.61	-1.18	2484	G
149	SPRUCE-HAVEN STOIC-ET	TP TC	99	I	1HO11048	66	42	1705	152	99	2.71	5.6	99	2.3	-0.8	1.87	98	2.44	1.53	-0.15	2484	G
150	LARCREST COMMEND-ET	TC TY	99	NA	29HO17785	36	76	-322	174	96	2.73	5.0	86	2.7	1.6	1.02	93	1.46	1.11	-0.01	2483	G
151	DG CHARLEY	TR TC	99	NA	29HO17500	53	54	1477	152	95	2.68	6.6	87	0.5	1.0	1.30	92	1.74	0.70	-0.61	2482	G
152	IHG VERIFY-ET	TR TP	100	NA	534HO00043	28	73	441	134	97	2.74	3.7	87	-0.4	2.2	2.41	94	2.21	0.61	0.49	2482	G
153	QUIET-BROOK-D BRADY-ET	TR TP	99	I	7HO12639	47	35	1562	100	94	2.57	5.4	87	-0.3	1.3	2.29	91	2.70	1.26	0.56	2481	G
154	IHG MONTANA-ET	TR TP	100	NA	534HO00049	27	64	507	121	97	2.62	6.4	87	0.3	2.7	1.47	96	2.48	0.75	0.36	2478	G
155	S-S-I BOOKEM MORGAN-ET	TR TP	99	NA	7HO11383	52	62	1535	150	99	2.76	5.4	98	1.7	1.7	1.38	98	1.35	0.71	0.15	2477	G
156	ENDCO THE ANSWER-PO-ET	TR PC	100	NA	534HO00056	66	81	2057	195	96	3.17	3.9	86	-0.5	0.0	1.62	88	1.55	0.60	-0.05	2476	G
157	EILDON-TWEED SSR BELAIR-ET	TR TP	99	NA	14HO07418	52	84	1093	178	99	3.07	3.8	94	0.8	-1.4	2.19	96	2.24	1.77	0.88	2475	G

158 NO-FLA ALTAUPBEAT-ET	TR TP	99	NA	11HO11602	56	79	1074	190	98	2.81	6.2	87	3.0	3.3	-0.67	89	-0.26	0.77	0.04	2475	G
159 CO-OP ROBUST CABRIOLET-ET	TP TC	99	I	1HO10396	50	93	920	224	99	2.92	5.5	99	3.8	-0.1	0.02	98	0.84	0.64	-1.99	2474	G
160 EDG ALTAYURA-ET	TR TP	100	NA	11HO11506	63	68	1763	190	99	2.81	6.0	90	3.1	-0.5	0.95	93	1.88	-0.82	-1.02	2474	G
161 WELCOME TROY CHASSY-ET	TR TP	99	I	1HO11677	68	56	2111	171	96	2.86	5.3	87	0.1	0.4	1.65	89	1.25	0.64	-0.50	2474	G
162 ROYLANE BOOKEM BOB 5170-ET	TR TP	99	NA	7HO11752	56	68	730	178	99	2.99	2.7	97	-1.1	1.8	1.73	98	1.66	0.16	0.41	2473	G
163 J-MOR SS HOMER-ET	TR TP	100	NA	14HO07489	77	96	2668	218	99	2.91	4.4	90	1.8	-2.4	0.95	94	0.59	0.44	0.42	2472	G
164 EDG RANSOM LUCENT 8275-ET	TC TY	99	I	151HO00721	57	45	1074	126	98	2.67	4.8	89	2.4	1.5	1.56	95	1.10	1.74	1.82	2471	G
165 LADYS-MANOR SHOUT-OUT-ET	TR TC	100	NA	29HO18249	39	49	1655	98	92	2.59	6.6	83	3.4	1.1	1.75	86	2.42	0.67	0.82	2470	G
166 BOMAZ HAYES-P-ET	PC TC	99	I	29HO18078	48	82	1677	154	95	2.69	5.0	86	2.8	0.7	1.05	91	1.42	-0.30	1.04	2464	G
167 VIEW-HOME DAY MISSOURI-ET	TC TY	100	NA	147HO02462	59	53	2193	156	98	2.68	5.0	92	0.7	-0.1	1.38	97	1.90	1.07	-1.12	2464	G
168 MAPEL WOOD BREWMASTER-ET	TR TP	100	NA	250HO01009	38	106	1096	186	99	2.74	2.0	95	-0.8	0.3	1.64	98	0.83	1.10	0.28	2462	G
169 AMSTERDAM DIRECTOR-ET	TC TY	100	NA	29HO18023	56	53	1901	131	93	2.76	4.2	86	0.3	-0.3	2.44	88	2.23	1.46	0.84	2461	G
170 VIEW-HOME DADDY MEXICO-ET	TY TV	100	NA	147HO02464	62	70	2235	179	96	2.92	4.7	88	1.9	-1.2	2.06	92	1.76	0.71	-0.85	2461	G
171 DE-SU 11228 TOPSY-ET	TR TC	99	NA	29HO16667	65	78	1523	190	99	2.77	3.0	98	0.1	-1.7	1.66	97	1.46	0.65	0.65	2460	G
172 CO-OP LA-BRON PROWLER-ET	TP TY	99	I	1HO12829	38	74	1075	161	98	2.82	7.2	87	2.5	2.1	0.62	86	1.33	0.59	-1.01	2459	G
173 ZIMMERVIEW MUSTANG 575-ET	TR TP	100	NA	7HO12709	55	78	1108	190	95	2.83	4.7	87	0.5	0.4	0.83	92	1.14	0.90	-0.33	2459	G
174 TRANQUILLITY AC PRIDE-ET	TC TY	100	NA	147HO02442	37	92	855	183	98	3.02	6.3	95	3.1	0.7	0.97	96	1.48	0.71	-0.74	2458	G
175 COGENT SUPERSHOT	TY TV	100	NA	224HO02881	66	45	2089	133	99	2.65	6.9	96	1.8	1.1	0.92	99	0.97	0.17	1.17	2457	G
176 S-S-I GREENWAY CREED-ET	TR TP	100	NA	7HO13244	63	86	1537	211	97	2.97	2.8	85	-1.0	-1.2	2.00	91	1.28	0.88	-0.58	2457	G
177 CO-OP TROY LEDOUX-ET	TP TC	99	NA	1HO12658	50	12	757	104	99	2.79	8.2	90	2.3	3.1	1.62	94	1.94	1.27	-0.44	2454	G
178 EDG UNO RUSSIAN 1417-ET	TC TY	100	NA	203HO01464	56	80	1637	174	98	2.85	3.6	93	0.8	0.5	1.39	91	0.85	0.59	0.60	2454	G
179 REGANCREST BRIGHAM-ET	TR TP	100	NA	200HO10079	16	52	552	79	98	2.78	4.6	92	2.1	4.0	2.47	97	2.61	1.34	0.67	2454	G
180 RI-VAL-RE RAGER-RED-ET	TP TC	99	I	7HO12344	44	62	1094	130	99	2.78	6.3	95	3.0	0.3	2.37	96	1.46	1.99	1.18	2454	G
181 AURORA HOMEBREW	TC TY	100	NA	29HO18091	12	83	-41	133	97	3.03	5.5	87	3.0	3.5	1.62	91	1.57	1.41	-0.19	2453	G
182 BOLDI ACCURATE-ET	TR TP	99	NA	200HO10294	54	70	1552	155	96	2.73	3.5	88	0.3	2.1	1.45	94	0.43	0.60	0.90	2453	G
183 WESSELCREST LANDON-ET	TR TY	99	NA	97HO41630	62	71	1974	176	96	2.94	3.2	87	-3.4	0.3	1.59	94	1.82	0.77	-0.10	2450	G
184 LONE-OAK-ACRES ALTARABO-ET	TR TP	100	NA	11HO11379	34	68	873	137	99	2.62	3.4	96	-0.2	-0.2	2.09	97	2.95	1.28	-0.01	2449	G
185 PEAK ALTAPOLISH-ET	TR TP	96	NA	11HO11734	34	73	188	144	96	2.74	5.9	85	1.9	0.5	1.33	89	1.33	2.14	0.95	2449	G
186 WA-DEL ABS BOURBON-ET	TC TY	100	NA	29HO17944	67	63	2112	157	99	2.90	4.0	88	-0.8	1.2	1.35	96	1.20	0.25	1.17	2449	G
187 HAR-DALE-ACRES-JP ALTACR-ET	TR TP	100	NA	11HO11434	34	82	471	165	99	3.05	4.5	96	2.6	-0.5	1.60	96	2.59	2.02	-0.24	2448	G
188 SANDY-VALLEY CRACKSHOT-ET	TR TP	100	NA	777HO10613	52	65	1973	148	97	2.75	5.4	86	0.3	-1.5	1.78	92	2.25	1.37	-0.02	2448	G
189 GOLD-N-OAKS SHRIEK-ET	TR TC	99	NA	29HO18131	40	87	742	177	96	3.04	4.2	87	0.7	0.7	1.78	93	1.91	-0.28	-0.16	2443	G
190 RH SUPERMAN-ET	TR TP	100	NA	200HO07846	70	97	2020	215	99	2.98	3.3	94	1.8	-1.0	1.09	98	0.26	-0.32	0.66	2441	G
191 DE-SU 12128 TAILOR-ET	TC TY	99	I	29HO17706	39	30	732	95	99	2.52	6.5	89	1.6	3.6	1.48	94	1.86	0.05	0.50	2440	G
192 ABS DANNER-P-ET	PC TC	99	NA	29HO18066	64	58	1507	167	94	2.79	3.6	84	0.0	0.9	0.99	88	1.36	-0.08	0.34	2437	G
193 MR MOVIESTAR MARDI GRAS-ET	TR TP	100	NA	534HO00025	33	56	496	121	99	2.85	3.8	95	1.0	2.1	1.64	98	2.85	0.92	0.43	2436	G
194 BACON-HILL MONTROSS-ET	TR TP	100	NA	7HO12165	74	66	2531	184	99	3.13	3.7	99	-2.7	-1.2	1.69	99	2.23	0.87	-0.18	2435	G
195 PEAK ALTATRUESHOT-ET	TR TP	99	NA	11HO11727	40	55	581	124	98	2.66	6.4	87	3.1	1.5	1.13	91	1.17	0.84	1.11	2435	G
196 INPUT	TM TY	98	I	180HO86004	55	89	1425	183	98	2.93	4.0	90	1.6	0.5	0.91	85	0.95	-0.63	0.89	2432	G
197 BUTLERVIEW SHUT-OUT-ET	TR TC	100	NA	76HO00712	27	72	1024	142	98	2.84	6.5	90	1.6	0.9	1.60	92	1.65	1.76	-1.35	2431	G

198 BOLDI V APTITUDE	TR TP	100	NA	200HO10372	35	57	595	113	97	2.60	4.0	88	-0.1	-1.0	2.40	94	3.08	2.17	1.39	2428	G
199 RONELEE ALTAACEHIGH	TR TP	99	NA	11HO11544	47	81	2177	143	98	2.65	4.3	87	1.2	-0.7	1.85	95	1.48	0.35	0.95	2427	G
200 MR AMERICA DAFT PUNK-ET	TC TY	100	NA	147HO02471	49	30	1543	104	96	2.69	6.1	87	4.1	1.8	1.80	92	1.88	0.42	0.09	2424	G