



**EBV Quick Reference for Reiland Angus Spring Bull Sale**

Animal Ident	Calving Ease		Birth		Growth			Fertility			Carcase				Other		Structural		Selection Indexes							
	CEDir	CEDtrs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBV	IMF	NFI-F	DOC	Angle	Claw	ABI	DOM	GRN	GRS	
1	NLRQ682	+5.1	+2.9	-4.8	+3.9	+52	+92	+125	+113	+12	+1.7	-4.8	+72	+6.5	-1.1	-2.7	+1.2	+2.1	+0.03	-	-	-	\$135	\$121	\$150	\$128
2	NLRQ683	+7.0	+0.1	-4.9	+3.9	+55	+93	+129	+108	+17	+2.7	-4.8	+69	+7.0	-2.2	-2.8	+1.6	+2.1	-0.21	-	+0.94	+0.72	\$138	\$122	\$152	\$131
3	NLRQ699	+7.6	+5.4	-7.8	+2.3	+45	+84	+105	+74	+24	+1.6	-5.1	+59	+6.0	-0.1	+0.9	-0.4	+3.5	-0.06	-	+1.14	+0.76	\$132	\$121	\$148	\$124
4	NLRQ674	-5.5	-4.4	-3.3	+6.2	+58	+100	+134	+123	+14	+2.8	-4.6	+80	+9.1	-3.1	-4.4	+2.1	+3.2	+0.11	-	+0.78	+0.72	\$140	\$122	\$169	\$126
5	NLRQ827	+0.2	-2.1	-2.0	+4.7	+53	+99	+126	+108	+22	+1.8	-1.8	+82	+7.6	-3.4	-3.2	+2.1	+2.0	-0.28	-	+1.08	+0.76	\$122	\$120	\$133	\$119
6	SYAQ229	-1.8	+7.5	-3.8	+6.7	+57	+95	+121	+111	+18	+3.3	-5.1	+68	+4.9	-2.3	-0.4	+1.0	+2.1	-0.21	-	+1.00	+1.00	\$124	\$117	\$134	\$119
7	NLRQ546	-1.9	-2.1	-1.0	+3.6	+45	+75	+99	+104	+19	+3.0	-4.7	+59	+7.0	-1.8	-3.2	+1.8	+2.2	+0.07	-	+0.84	+0.86	\$103	\$101	\$114	\$97
8	NLRQ817	+3.0	-0.3	-3.1	+2.4	+40	+71	+86	+53	+21	+1.0	-4.2	+54	+5.4	-1.8	-2.1	+2.1	+1.4	+0.03	-	+1.00	+0.92	\$100	\$108	\$98	\$101
9	NLRQ536	+13.7	+9.3	-9.1	-0.3	+38	+62	+80	+49	+18	+1.9	-10.3	+63	+3.4	+2.1	+1.4	-1.5	+3.5	+0.74	-	+1.10	+0.78	\$122	\$108	\$135	\$112
10	NLRQ564	+8.1	+5.7	-7.3	+1.5	+41	+68	+86	+70	+9	+1.4	-8.6	+51	+3.5	+0.9	+0.2	+0.1	+2.8	+0.54	-	+0.78	+0.66	\$124	\$114	\$136	\$114
11	NLRQ485	-1.4	+3.2	-3.4	+3.5	+40	+64	+70	+48	+13	+2.0	-3.7	+50	+12.6	+0.8	+0.1	+1.7	+1.7	+0.47	-	+1.08	+1.00	\$93	\$105	\$85	\$95
12	NLRR292	+5.2	-3.4	-6.5	+3.7	+47	+97	+126	+102	+25	+1.5	-6.8	+73	+5.5	+0.1	+1.3	-0.5	+4.2	+0.33	-	-	-	\$156	\$129	\$188	\$140
13	NLRR294	+4.7	-1.6	-6.7	+3.4	+53	+96	+121	+106	+14	+0.7	-5.7	+73	+7.0	+0.2	+0.9	+0.4	+2.2	+0.24	-	-	-	\$137	\$125	\$146	\$131
14	NLRR280	+4.6	-5.6	-1.3	+3.1	+47	+84	+105	+89	+17	+1.1	-10.3	+59	+3.6	+1.1	+3.1	-1.9	+3.5	+0.68	-	-	-	\$133	\$114	\$150	\$121
15	NLRR288	+3.9	-4.2	-4.6	+4.5	+51	+93	+115	+109	+9	+1.3	-9.3	+68	+3.0	+0.8	+1.6	-0.9	+3.5	+0.05	-	-	-	\$143	\$124	\$168	\$129
16	NLRR282	+7.9	-1.9	-9.5	+3.4	+53	+106	+146	+119	+28	+2.2	-7.6	+80	+2.9	-0.7	+0.7	-1.3	+2.9	+0.11	-	-	-	\$151	\$121	\$172	\$140
17	NLRR295	+9.9	+0.7	-4.1	+1.5	+41	+72	+93	+62	+22	+1.7	-5.0	+59	+6.3	+0.9	+1.0	-1.1	+2.2	+0.76	-	-	-	\$101	\$98	\$98	\$102
18	NLRR272	+8.4	+4.7	-5.9	+2.8	+48	+88	+116	+85	+22	+0.9	-9.2	+68	+5.0	+1.1	+1.3	-1.0	+4.0	+0.72	-	-	-	\$155	\$127	\$182	\$139
20	NLRQ848	+0.4	-5.1	-3.7	+6.0	+61	+106	+144	+127	+20	+3.6	-5.3	+81	+6.5	-1.0	-1.5	+1.8	+1.5	-0.26	-	+1.10	+1.04	\$140	\$124	\$151	\$135
21	NLRQ854	+5.1	+2.1	-5.5	+4.0	+54	+94	+123	+102	+19	+2.3	-5.5	+76	+5.4	+1.2	+1.9	-1.0	+2.5	+0.36	-	+0.94	+0.48	\$130	\$116	\$137	\$126
22	NLRQ671	+3.5	+6.2	-4.6	+4.2	+62	+108	+144	+119	+20	+4.1	-6.6	+84	+6.7	-2.0	-2.9	+1.9	+1.4	-0.03	-	+0.92	+1.06	\$151	\$135	\$163	\$145
23	NLRQ819	-1.8	+0.5	-0.5	+5.2	+51	+86	+108	+95	+12	+0.9	-2.3	+63	+7.0	-1.5	+0.0	+1.4	+1.6	-0.01	-	+0.86	+0.54	\$108	\$110	\$107	\$109
24	NLRQ847	+4.3	+4.4	-0.3	+2.8	+41	+70	+90	+47	+22	+0.6	-3.6	+53	+6.7	+0.3	+0.4	-0.2	+2.3	+0.30	-	+0.80	+0.78	\$104	\$104	\$102	\$105
25	NLRQ842	-3.6	-2.1	-4.8	+5.0	+52	+91	+108	+90	+19	+2.6	-6.3	+73	+5.7	-1.5	-1.7	+0.8	+2.6	+0.12	-	+0.96	+0.88	\$116	\$114	\$128	\$109
26	NLRQ838	-0.4	-0.4	-6.1	+4.4	+52	+88	+126	+113	+17	+3.4	-6.1	+66	+2.8	-2.1	-2.3	+0.8	+2.6	-0.26	-	+1.34	+0.92	\$130	\$111	\$149	\$120
27	NLRQ596	+3.2	+3.0	-5.6	+4.3	+58	+98	+137	+112	+28	+1.3	-5.5	+75	+8.7	-0.7	-1.9	+1.4	+2.2	+0.02	-	+1.02	+0.92	\$146	\$125	\$160	\$139
28	NLRQ259	+5.2	-1.6	-3.1	+2.4	+45	+79	+103	+61	+26	+2.4	-3.9	+60	+5.5	+3.5	+3.7	-1.2	+1.9	+0.40	-	+0.96	+0.78	\$105	\$102	\$96	\$110
29	NLRQ999	+10.1	+9.8	-12.2	+2.4	+42	+78	+104	+103	+15	+2.9	-8.6	+57	+3.0	+0.8	-0.1	-0.5	+3.0	+0.52	-	+0.88	+0.64	\$133	\$115	\$153	\$120
30	NLRQ449	-6.9	+2.3	-3.1	+7.9	+54	+96	+134	+120	+13	+2.3	-5.2	+79	+2.4	-2.1	-1.4	+0.4	+2.5	-0.19	-	+1.14	+0.96	\$126	\$107	\$144	\$117
31	NLRQ368	+9.3	+7.2	-8.1	+2.8	+46	+87	+111	+104	+16	+1.9	-5.6	+63	+3.2	+0.5	-0.3	-0.4	+1.9	-0.12	-	+0.88	+0.68	\$117	\$112	\$123	\$114
32	NLRQ362	+2.4	+0.3	-3.0	+3.9	+48	+85	+108	+93	+19	+1.5	-3.5	+61	+12.9	-0.7	-2.5	+2.3	+1.7	+0.23	-	+0.66	+0.82	\$122	\$119	\$127	\$119
33	NLRQ334	-0.4	-5.7	-3.9	+5.6	+44	+76	+97	+62	+24	+1.5	-7.3	+57	+9.1	+1.8	+2.7	-0.9	+3.8	+0.34	-	+1.10	+0.84	\$126	\$109	\$141	\$116
34	NLRQ572	+5.4	+3.9	-5.0	+2.8	+49	+80	+95	+70	+22	+2.1	-8.1	+69	+4.9	+0.8	+1.3	-0.2	+2.9	+0.43	-	+0.88	+0.62	\$125	\$119	\$134	\$118
35	NLRR161	+3.6	-2.9	-2.0	+3.4	+49	+93	+121	+122	+18	+4.2	-10.8	+72	+7.9	-0.5	-0.3	+0.5	+4.3	+0.42	-	+0.92	+0.94	\$167	\$135	\$208	\$144
36	NLRR901	+8.7	+5.6	-5.5	+3.4	+58	+107	+128	+107	+19	+2.0	-5.8	+71	+6.3	-1.0	-2.6	+2.5	+1.9	-0.24	-	+0.86	+1.00	\$150	\$144	\$165	\$142

 <b>TACE</b> Transman Angus Cattle Evaluation	CEDir	CEDtrs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBV	IMF	NFI-F	DOC	Angle	Claw	ABI	DOM	GRN	GRS
	+1.9	+2.6	-4.5	+4.2	+48	+87	+114	+98	+17	+2.0	-4.6	+65	+6.0	-0.1	-0.4	+0.5	+2.0	+0.17	+6	+0.98	+0.85	+118	+110	+124	+114

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Animal Ident		Calving Ease		Birth		Growth				Fertility			Carcase				Other		Structural		Selection Indexes					
		CEDir	CEDtrs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBV	IMF	NFI-F	DOC	Angle	Claw	ABI	DOM	GRN	GRS
37	NLRR905	+8.6	+5.8	-7.3	+3.0	+50	+98	+119	+109	+15	+1.7	-4.9	+71	+5.7	+0.1	-2.0	+0.8	+2.9	-0.08	-	+0.96	+0.74	\$140	\$131	\$161	\$130
38	NLRR902	+2.1	-0.2	-3.5	+6.3	+54	+103	+138	+134	+18	+1.9	-0.2	+75	+5.2	-1.7	-3.6	+1.4	+1.7	-0.09	-	+1.06	+0.68	\$117	\$113	\$128	\$116
39	NLRR189	+8.8	+5.2	-4.7	+3.0	+60	+113	+149	+139	+19	+4.4	-4.2	+87	+4.1	-0.4	-1.6	+0.1	+2.5	+0.34	-	+0.88	+0.86	\$147	\$130	\$166	\$139
40	NLRR190	+5.0	+3.6	-3.6	+6.2	+59	+100	+139	+135	+17	+2.8	-4.4	+84	+6.6	-2.6	-3.5	+2.0	+1.6	-0.10	-	+1.06	+0.72	\$139	\$124	\$153	\$132
41	NLRR24	+0.4	+0.1	-3.4	+5.3	+65	+116	+157	+138	+20	+3.5	-4.1	+100	+9.4	-1.2	-1.7	+1.1	+2.2	+0.17	-	+1.10	+0.92	\$154	\$132	\$171	\$146
42	NLRR81	+0.0	-0.8	-4.0	+7.1	+55	+95	+125	+102	+11	+1.1	-2.7	+77	+11.3	-0.6	-1.8	+1.2	+3.2	+0.22	-	+0.84	+0.82	\$140	\$124	\$160	\$131
43	NLRR900	+2.7	-0.1	-4.2	+3.3	+42	+78	+99	+77	+20	-0.2	-4.0	+57	+10.1	-0.8	-0.7	+0.9	+3.0	+0.57	-	+0.78	+0.92	\$123	\$115	\$137	\$116
44	NLRR195	+6.0	+7.9	-3.1	+2.9	+40	+73	+94	+53	+15	+1.6	-2.1	+53	+10.3	+1.4	+1.0	+1.1	+1.1	+0.05	-	+0.80	+0.72	\$110	\$112	\$99	\$116
45	NLRR904	+6.0	+0.7	-0.6	+4.0	+39	+71	+88	+98	+12	+2.7	-9.0	+55	+2.1	+1.0	+2.2	-1.1	+4.1	+0.30	-	+0.76	+0.74	\$126	\$110	\$152	\$110
46	NLRR903	+6.1	+6.7	-5.2	+4.1	+48	+93	+123	+125	+19	+2.3	-2.5	+69	+4.1	+1.1	+0.5	-0.6	+2.2	+0.05	-	+1.06	+0.88	\$117	\$109	\$125	\$115
47	NLRR9	+5.2	+3.1	-5.4	+3.3	+42	+86	+118	+107	+22	+3.3	-5.5	+74	+3.7	+1.2	+1.5	-1.4	+2.6	+0.84	-	+1.18	+1.04	\$123	\$106	\$135	\$117
48	NLRR16	+5.5	-0.1	-1.9	+5.2	+64	+116	+164	+158	+21	+4.8	-6.3	+103	+2.8	-1.1	-2.9	+0.3	+2.4	-0.18	-	+0.84	+0.76	\$156	\$127	\$182	\$144
49	NLRR184	+3.8	+3.1	-3.6	+4.1	+50	+91	+118	+106	+14	+2.9	-6.1	+73	+4.6	+1.2	+0.5	-0.7	+3.1	+0.43	-	+0.96	+0.52	\$134	\$118	\$151	\$124
50	NLRR26	-4.4	-2.4	-5.8	+5.0	+64	+113	+148	+135	+22	+3.5	-7.1	+88	+9.4	-1.1	-2.7	+2.4	+2.4	-0.28	-	+0.78	+0.84	\$157	\$135	\$181	\$144
51	NLRR320	+5.4	-3.2	-8.0	+4.0	+46	+81	+104	+98	+15	+0.8	-4.2	+56	+10.8	+0.6	+0.0	+1.1	+1.9	+0.13	-	+0.98	+0.94	\$118	\$113	\$122	\$116
52	NLRR38	+2.7	-7.6	-5.0	+5.6	+53	+103	+127	+109	+20	+3.7	-5.1	+67	+3.3	+0.5	+1.3	+0.9	+1.5	+0.14	-	+0.82	+0.84	\$127	\$121	\$132	\$124
53	NLRR88	+4.3	+0.2	-5.9	+4.5	+47	+90	+128	+104	+19	+1.8	-5.1	+74	+9.4	+0.0	-0.9	+1.5	+2.6	+0.68	-	+0.90	+0.78	\$151	\$126	\$172	\$141
54	NLRR8	+1.3	-4.6	-4.4	+3.8	+37	+72	+93	+74	+25	+2.3	-3.5	+53	+4.4	-0.1	+1.0	-0.5	+2.2	+0.27	-	+1.04	+1.06	\$91	\$91	\$91	\$91
55	NLRR76	+2.8	+1.0	-8.5	+4.4	+53	+88	+116	+79	+12	+2.7	-7.0	+78	+6.7	-1.1	-1.9	+0.9	+2.3	+0.15	-	+1.14	+1.06	\$136	\$122	\$149	\$129
56	NLRR151	-3.2	-5.4	-7.3	+5.4	+52	+91	+121	+101	+17	+1.8	-4.8	+71	+3.3	+1.5	+3.3	-0.6	+1.0	+0.09	-	+0.94	+1.02	\$104	\$98	\$95	\$109
57	NLRR179	+6.6	+3.7	-7.7	+2.4	+54	+95	+122	+98	+21	+1.5	-4.9	+71	+9.2	-1.9	-3.0	+1.4	+3.8	+0.13	-	+0.82	+0.96	\$153	\$135	\$181	\$139
58	NLRR125	-3.1	+1.7	-4.2	+5.9	+62	+116	+156	+136	+19	+3.4	-4.5	+94	+7.8	+0.0	+1.1	+0.7	+1.4	+0.32	-	-	-	\$147	\$126	\$154	\$144
59	NLRR13	+4.5	+5.9	-4.9	+4.5	+64	+111	+143	+128	+19	+3.2	-4.8	+86	+6.3	+1.2	+0.0	-0.6	+2.8	+0.34	-	+0.94	+0.78	\$145	\$129	\$161	\$139
60	NLRR139	+8.1	+2.7	-3.2	+1.6	+43	+65	+95	+73	+13	+2.2	-2.9	+56	+10.2	+0.8	-1.7	+1.0	+1.0	+0.14	-	+1.06	+0.98	\$97	\$96	\$87	\$103
61	NLRR225	-0.2	-3.8	-4.6	+3.7	+47	+82	+106	+96	+14	+2.4	-3.5	+55	+7.1	-0.2	+0.4	+0.5	+1.9	-0.05	-	+0.84	+1.22	\$106	\$104	\$107	\$106
62	NLRR32	-6.2	+1.4	-0.9	+5.8	+48	+92	+125	+115	+18	+1.7	-2.2	+72	+7.0	-1.8	-2.1	+1.3	+2.1	+0.37	-	+0.72	+0.68	\$114	\$105	\$126	\$110
63	NLRR336	+3.4	-1.2	-2.3	+3.5	+43	+74	+96	+81	+18	+4.1	-4.2	+55	+10.1	-0.8	-1.6	+2.1	+2.0	+0.34	-	+1.08	+0.88	\$115	\$112	\$122	\$111
64	NLRR332	+6.8	+6.7	-6.2	+3.9	+51	+90	+123	+116	+19	+1.7	-6.0	+68	+8.5	+0.7	-0.2	+0.6	+2.1	-0.04	-	+1.06	+1.04	\$139	\$121	\$151	\$132
65	NLRR260	+3.9	-5.6	-5.5	+3.5	+56	+97	+136	+125	+21	+1.7	-1.1	+74	+5.1	-1.7	-1.6	+0.9	+2.3	-0.08	-	+1.20	+1.00	\$123	\$111	\$133	\$120
66	NLRR269	-0.4	+1.0	-4.0	+3.2	+51	+87	+121	+120	+17	+3.5	-6.0	+69	+3.0	+0.5	+0.3	-0.5	+1.8	-0.05	-	+1.02	+0.84	\$112	\$100	\$117	\$110
67	NLRR322	+9.2	+7.7	-8.1	+3.8	+56	+101	+130	+114	+14	+1.4	-2.8	+76	+10.1	-2.0	-3.9	+2.6	+1.6	-0.18	-	+1.12	+1.02	\$141	\$135	\$153	\$137
68	NLRR264	+4.3	+6.0	-2.9	+4.2	+50	+91	+115	+87	+22	+4.1	-8.8	+69	+6.0	-0.4	+0.4	+0.5	+2.9	+0.24	-	-	-	\$149	\$131	\$169	\$137
69	NLRR328	+7.9	+8.3	-8.1	+2.9	+49	+92	+116	+98	+14	+1.6	-2.5	+63	+9.8	-2.3	-2.8	+1.9	+1.8	-0.25	-	+0.98	+1.12	\$130	\$127	\$138	\$127
70	NLRR335	+2.3	-2.9	-6.9	+5.6	+46	+83	+105	+93	+17	+3.0	-3.9	+59	+6.8	-0.4	-2.2	+1.5	+1.9	+0.60	-	+1.16	+1.04	\$110	\$110	\$118	\$107

	CEDir	CEDtrs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBV	IMF	NFI-F	DOC	Angle	Claw	ABI	DOM	GRN	GRS
	+1.9	+2.6	-4.5	+4.2	+48	+87	+114	+98	+17	+2.0	-4.6	+65	+6.0	-0.1	-0.4	+0.5	+2.0	+0.17	+6	+0.98	+0.85	+118	+110	+124	+114