

Table 1. List of the top 30 most abundant ESTs in *B. sudeticus*

rk ^a	EID ^b	level	ratio	genome	PID ^c	description ^d
1	3556	4.03	-0.50	Chlre4	376403	
2	318	3.98	-0.24	Chlre4	322197	RP-S29e, RPS29; small subunit ribosomal protein S29e
3	5	3.81	0.20	Chlre4	395228	
4	36952	3.78	0.16	ChlNC64A	28889	
5	106	3.70	-0.04	Chlre4	155068	
6	57	3.69	0.18	Chlre4	407233	Glucan 1,4-alpha-glucosidase.
7	8	3.67	-0.21	Chlre4	195592	RP-S20e, RPS20; small subunit ribosomal protein S20e
8	520	3.65	-0.03	Chlre4	195131	RP-L22e, RPL22; large subunit ribosomal protein L22e
9	127	3.62	0.05	Chlre4	418234	
10	142	3.61	-0.06	Chlre4	128309	RP-L44e, RPL44; large subunit ribosomal protein L44e
11	512	3.56	-0.12	Chlre4	194928	RP-L38e, RPL38; large subunit ribosomal protein L38e
12	181	3.50	0.10	Chlre4	127247	RP-L35Ae, RPL35A; large subunit ribosomal protein L35Ae
13	633	3.45	-0.33	Chlre4	206640	rbcS; ribulose-bisphosphate carboxylase small chain [EC:4.1.1.39]
14	316	3.41	0.00	Chlre4	129742	RP-S21e, RPS21; small subunit ribosomal protein S21e
15	31	3.38	0.05	Chlre4	57302	RP-S25e, RPS25; small subunit ribosomal protein S25e
16	9	3.30	-0.26	Chlre4	166012	RP-L30e, RPL30; large subunit ribosomal protein L30e
17	311	3.26	0.09	Chlre4	191758	RP-L32e, RPL32; large subunit ribosomal protein L32e
18	1207	3.26	0.16	ChlNC64A	144034	
19	114	3.23	-0.33	Chlre4	344365	
20	590	3.19	-0.18	Chlre4	195601	RP-S17e, RPS17; small subunit ribosomal protein S17e
21	1921	3.18	0.21	Chlre4	195587	RP-L11e, RPL11; large subunit ribosomal protein L11e
22	287	3.17	-0.06	Chlre4	292191	
23	282	3.16	-0.41	Chlre4	195585	RP-L10Ae, RPL10A; large subunit ribosomal protein L10Ae
24	50	3.16	-0.84	Chlre4	156131	TC.AMT; ammonium transporter, Amt family
25	20	3.15	0.45	Chlre4	120079	SIRT2, SIR2L2; NAD-dependent deacetylase sirtuin 2 [EC:3.5.1.-]; in linear amides.
26	1000	3.14	-0.26	Chlre4	126853	RP-L37Ae, RPL37A; large subunit ribosomal protein L37Ae
27	480	3.14	-0.16	Chlre4	78109	RP-L31e, RPL31; large subunit ribosomal protein L31e
28	296	3.12	-0.24	Chlre4	36709	
29	278	3.12	0.01	Chlre4	145271	RP-L14e, RPL14; large subunit ribosomal protein L14e
30	545	3.11	-0.07	Chlre4	153674	

Note: a, rank; b, EST ID; c, Protein ID in *C. reinhardtii* or *C. variabilis*; d, EST function based on its best hit protein.