

A. Number of PolyG elements of different lengths with 0 mismatches in all species.

Len	BY	Sigma	Spar	Smik	Sbay	Cgla	Scas	Klac	Kwal	Sklu	Dhan	Calb	Ylip	Spom	Cele
5	3290	3255	3500	3194	4445	3195	3668	2060	3621	3266	3319	4514	19583	2722	30045
6	604	581	674	602	1007	1075	785	407	668	684	540	1197	4172	490	6415
7	137	132	159	118	302	520	149	72	103	146	64	351	827	54	528
8	22	28	32	29	100	200	47	25	28	31	11	154	260	11	134
9	13	7	9	8	38	114	26	8	11	17	3	112	91	3	144
10	5	1	3	5	28	90	28	4	10	8	2	78	43	6	164
11	4	2	4	5	23	57	30	6	6	8	2	68	24	4	218
12	0	1	4	0	25	25	11	1	4	8	2	44	16	3	247
13	0	0	2	1	10	14	15	2	5	5	2	29	11	0	260
14	2	2	0	0	7	11	7	2	3	6	0	28	8	0	230
15	0	1	0	2	10	4	9	0	2	7	1	16	9	0	195
16	1	1	0	1	5	6	4	0	1	0	2	11	11	0	163
17	0	1	1	0	8	6	3	2	0	5	0	4	5	1	124
18	0	0	1	2	5	1	5	0	1	1	0	6	12	0	99
19	1	0	0	0	3	0	4	0	1	0	0	3	8	1	57
20	0	0	0	0	3	1	1	0	1	0	1	2	5	0	0
21	0	0	0	0	0	0	1	1	0	2	1	0	4	0	0
22	0	0	0	0	1	1	0	1	0	0	1	1	5	0	0
23	0	0	1	0	2	0	1	0	0	0	0	1	3	0	0
24	0	0	0	0	0	0	3	0	0	1	0	0	4	0	0
25	0	0	1	0	0	0	2	0	0	0	0	0	4	0	0
26	0	0	0	0	1	0	0	0	0	0	0	0	4	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
28	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

B. Abundance of PolyG elements of different strength for all species.

Stren	BY	Sigma	Spar	Smik	Sbay	Cgla	Scas	Klac	Kwal	Sklu	Dhan	Calb	Ylip	Spom	Cele
>=32	1	1	6	2	33	9	31	4	3	10	3	19	57	2	280
>=16	2	3	6	5	57	21	57	4	8	16	7	48	78	2	650
>= 8	5	7	13	7	123	84	112	11	21	41	11	183	124	5	1409
>= 4	49	28	34	40	259	422	235	38	61	111	20	542	483	21	2051
>= 2	474	375	470	357	1111	1623	675	253	490	669	201	1599	4679	213	5641