

Supplemental Table S10. Statistics information of repeat element annotation for *Brachymystax lenok tsinlingensis* genome.

Class	Rebase/Dfam TEs		TEs Proteins		de novo TEs		Combined TEs	
	Length(bp)	% in genome	Length(bp)	% in genome	Length(bp)	% in genome	Length(bp)	% in genome
DNA	506,461,532	24.92	0	0.00	547,468,818	26.93	591,814,082	29.12
LINE	267,564,158	13.16	0	0.00	281,673,904	13.86	302,998,641	14.91
SINE	23,819,968	1.17	0	0.00	32,988,752	1.62	38,592,367	1.90
LTR	96,767,033	4.76	0	0.00	91,517,360	4.50	116,486,343	5.73
Unknown	1,714,593	0.08	0	0.00	104,863,031	5.16	106,376,193	5.23
Other	57,473,138	2.83	0	0.00	44,376,940	2.18	79,923,868	3.93
Total	935,532,196	46.02	0	0.00	1,080,062,918	53.14	1,150,613,860	56.61