

Table 1**Identification of selenoprotein genes in eukaryotic model organisms**

Organism name	Genome, thousands of bp	Loose pattern		Default pattern		Number of selenoproteins
		Primary sequence criteria	Energy criteria	Primary sequence criteria	Energy criteria	
<i>O. lucimarinus</i>	13,393	31,132	7,541	2,120	464	29
<i>O. tauri</i>	16,414	30,381	7,379	1,934	401	26
<i>T. pseudonana</i>	32,577	81,040	8,977	3,129	675	16
<i>D. discoideum</i>	34,564	37,435	7,111	2,128	37	5
<i>D. pseudoobscura</i>	138,581	181,793	20,702	6,303	1,010	3
<i>C. merolae</i>	16,381	27,578	5,987	651	149	0