

Table S4. Conserved EST sequences between *G. uralensis* and other species.

EST id	ncRNA id in NONCODE	Organism	EST id	ncRNA id in NONCODE	Organism	EST id	ncRNA id in NONCODE	Organism
T20098:6	NONATHG001792.1	<i>A. thaliana</i>	T20098:3006	NONMMUT038570.2	<i>Mus musculus</i>	T20098:5693	NONMMUT121179.1	<i>M. musculus</i>
	NONATHG000912.1	<i>A. thaliana</i>		NONDMET025401.1	<i>D. melanogaster</i>		NONMMUT087418.1	<i>M. musculus</i>
	NONATHG000913.1	<i>A. thaliana</i>		NONDMET025395.1	<i>D. melanogaster</i>		NONMMUT059693.2	<i>M. musculus</i>
T20098:76	NONATHG001792.1	<i>A. thaliana</i>		NONDMET025369.1	<i>D. melanogaster</i>		NONMMUT054368.2	<i>M. musculus</i>
	NONATHG000912.1	<i>A. thaliana</i>		NONDMET025329.1	<i>D. melanogaster</i>		NONMMUT044916.2	<i>M. musculus</i>
	NONATHG000913.1	<i>A. thaliana</i>		NONDMET025318.1	<i>D. melanogaster</i>		NONMMUT038985.2	<i>M. musculus</i>
T20098:112	NONATHG001792.1	<i>A. thaliana</i>	T20098:5209	NONATHG001792.1	<i>A. thaliana</i>		NONMMUT028983.2	<i>M. musculus</i>
	NONATHG000912.1	<i>A. thaliana</i>		NONATHG000912.1	<i>A. thaliana</i>		NONMMUT012926.2	<i>M. musculus</i>
	NONATHG000913.1	<i>A. thaliana</i>		NONATHG000913.1	<i>A. thaliana</i>		NONMMUT012925.2	<i>M. musculus</i>
	NONHSAT192867.1	<i>H. sapiens</i>	T20098:5693	NONMMUT128742.1	<i>M. musculus</i>		NONMMUT137583.1	<i>M. musculus</i>
	NONHSAT101518.2	<i>H. sapiens</i>		NONMMUT126803.1	<i>M. musculus</i>		NONMMUT137491.1	<i>M. musculus</i>
	NONHSAT085075.2	<i>H. sapiens</i>		NONMMUT098606.1	<i>M. musculus</i>		NONMMUT137099.1	<i>M. musculus</i>
	NONHSAT078957.2	<i>H. sapiens</i>		NONMMUT098605.1	<i>M. musculus</i>	NONMMUT136927.1	<i>M. musculus</i>	
	NONHSAT041230.2	<i>H. sapiens</i>		NONMMUT091737.1	<i>M. musculus</i>	NONMMUT136801.1	<i>M. musculus</i>	
	NONPTRT003863.1	<i>Panina pan</i>		NONMMUT080376.1	<i>M. musculus</i>	NONMMUT136684.1	<i>M. musculus</i>	
	NONHSAT176077.1	<i>H. sapiens</i>		NONMMUT066058.2	<i>M. musculus</i>	NONMMUT136669.1	<i>M. musculus</i>	
T20098:1756	NONATHG003046.1	<i>A. thaliana</i>	T20098:5693	NONMMUT041015.2	<i>M. musculus</i>	NONMMUT136517.1	<i>M. musculus</i>	
	NONATHG003045.1	<i>A. thaliana</i>		NONMMUT039278.2	<i>M. musculus</i>	NONMMUT136385.1	<i>M. musculus</i>	
	NONATHG001427.1	<i>A. thaliana</i>		NONMMUT121234.1	<i>M. musculus</i>	NONMMUT136381.1	<i>M. musculus</i>	
	NONATHG001426.1	<i>A. thaliana</i>		NONMMUT046863.2	<i>M. musculus</i>	NONMMUT136354.1	<i>M. musculus</i>	

EST id	ncRNA id in NONCODE	Organism	EST id	ncRNA id in NONCODE	Organism	EST id	ncRNA id in NONCODE	Organism
T20098:5693	NONMMUT136318.1	<i>M. musculus</i>	T20098:5693	NONMMUT134097.1	<i>M. musculus</i>	T20098:5693	NONMMUT129385.1	<i>M. musculus</i>
	NONMMUT136264.1	<i>M. musculus</i>		NONMMUT134046.1	<i>M. musculus</i>		NONMMUT129369.1	<i>M. musculus</i>
	NONMMUT136262.1	<i>M. musculus</i>		NONMMUT133709.1	<i>M. musculus</i>		NONMMUT129340.1	<i>M. musculus</i>
	NONMMUT136255.1	<i>M. musculus</i>		NONMMUT133707.1	<i>M. musculus</i>		NONMMUT129010.1	<i>M. musculus</i>
	NONMMUT136227.1	<i>M. musculus</i>		NONMMUT133683.1	<i>M. musculus</i>		NONMMUT129009.1	<i>M. musculus</i>
	NONMMUT135745.1	<i>M. musculus</i>		NONMMUT133682.1	<i>M. musculus</i>		NONMMUT129007.1	<i>M. musculus</i>
	NONMMUT135755.1	<i>M. musculus</i>		NONMMUT133681.1	<i>M. musculus</i>		NONMMUT128504.1	<i>M. musculus</i>
	NONMMUT135730.1	<i>M. musculus</i>		NONMMUT133419.1	<i>M. musculus</i>		NONMMUT128335.1	<i>M. musculus</i>
	NONMMUT135729.1	<i>M. musculus</i>		NONMMUT132887.1	<i>M. musculus</i>		NONMMUT128238.1	<i>M. musculus</i>
	NONMMUT135722.1	<i>M. musculus</i>		NONMMUT132615.1	<i>M. musculus</i>		NONMMUT127776.1	<i>M. musculus</i>
	NONMMUT135380.1	<i>M. musculus</i>		NONMMUT132499.1	<i>M. musculus</i>		NONMMUT127556.1	<i>M. musculus</i>
	NONMMUT135171.1	<i>M. musculus</i>		NONMMUT132385.1	<i>M. musculus</i>		NONMMUT127473.1	<i>M. musculus</i>
	NONMMUT135135.1	<i>M. musculus</i>		NONMMUT132334.1	<i>M. musculus</i>		NONMMUT127387.1	<i>M. musculus</i>
	NONMMUT135022.1	<i>M. musculus</i>		NONMMUT131563.1	<i>M. musculus</i>		NONMMUT127049.1	<i>M. musculus</i>
	NONMMUT135019.1	<i>M. musculus</i>		NONMMUT131283.1	<i>M. musculus</i>		NONMMUT127168.1	<i>M. musculus</i>
	NONMMUT134683.1	<i>M. musculus</i>		NONMMUT131181.1	<i>M. musculus</i>		NONMMUT126962.1	<i>M. musculus</i>
	NONMMUT134682.1	<i>M. musculus</i>		NONMMUT130887.1	<i>M. musculus</i>		NONMMUT126759.1	<i>M. musculus</i>
	NONMMUT134670.1	<i>M. musculus</i>		NONMMUT130624.1	<i>M. musculus</i>		NONMMUT126610.1	<i>M. musculus</i>
	NONMMUT134658.1	<i>M. musculus</i>		NONMMUT130346.1	<i>M. musculus</i>		NONMMUT126594.1	<i>M. musculus</i>
	NONMMUT134657.1	<i>M. musculus</i>		NONMMUT130214.1	<i>M. musculus</i>		T20098:5810	NONMMUT117565.1
NONMMUT134415.1	<i>M. musculus</i>	NONMMUT130062.1	<i>M. musculus</i>	T20098:6421	NONMMUT082073.1	<i>M. musculus</i>		
NONMMUT134404.1	<i>M. musculus</i>	NONMMUT130061.1	<i>M. musculus</i>	T20098:6563	NONMMUT130052.1	<i>M. musculus</i>		
NONMMUT134386.1	<i>M. musculus</i>	NONMMUT129999.1	<i>M. musculus</i>	T20098:8154	NONATHG001792.1	<i>A. thaliana</i>		
NONMMUT134385.1	<i>M. musculus</i>	NONMMUT129798.1	<i>M. musculus</i>		NONATHG000912.1	<i>A. thaliana</i>		