

**Table S1** Gene ontologies, comparison with selected vertebrates

<b>GO0007530 (Sex determination)</b>	<b>Total annotations</b>	<b>Matching annotations</b>	<b><i>L. menadoensis</i> orthologs</b>
<i>Danio rerio</i>	2	2	2
<i>Xenopus laevis</i>	3	3	2
<i>Gallus gallus</i>	27	27	13
<i>Canis familiaris</i>	19	4	4
<i>Sus scrofa</i>	17	19	15
<i>Bos taurus</i>	12	12	11
<i>Mus musculus</i>	21	3	3
<i>Rattus norvegicus</i>	26	25	18
<i>Homo sapiens</i>	33	31	20