

Table S-1 Voltage Gated Ion Channel Gene predictions arranged by ion selectivity and type (Gutman et al. 2005)

<b>K+</b>	<b>Kv1</b>	<b>Kv3</b>	<b>Kv4</b>	<b>Kv7</b>	<b>Kv10</b>	<b>Kv11</b>	<b>Kv12</b>
	SPU_026003	SPU_019341	SPU_012871	SPU_004907	SPU_000092	SPU_016585	SPU_010067
	SPU_006470	SPU_009204					
		SPU_006470					
<b>Ca++</b>	<b>L-type</b>	<b>N/P/Q/R-type</b>	<b>T-type</b>				
	SPU_007770	SPU_011692	SPU_017773				
			SPU_025833				
<b>Na+</b>	SPU_025997						

<b>Kv2 or8 or 9</b>
SPU_000856