

Human gene	Linked to <i>SYT1</i> in H.sapiens ?	NCBI accession	Linked to <i>syt1</i> in X.tropicalis ?	JGI gene model	Homologue in D.rerio ?	NCBI accession	Linked to which <i>syt</i> in D.rerio ?
<i>SYT1</i>	Yes - chr12, 78,106K	NM_005639.1	Yes - JGI scaff 160:868560-953624	MOL_fgenesht1_pg.C_scaffold_160000017	Yes - two		<i>syt1a</i> / <i>syt1b</i>
<i>PPP1R12A</i>	Yes - chr12, 78,672K	NM_002480.1	Yes - JGI scaff 160:3475-57288	e_gw1.611.23.1	Yes - chr4, 29,115K	NM_001003870.1	<i>syt1a</i> - chr4, 29,382K
<i>PAWR</i>	Yes - chr12, 78,497K	NM_002583.2	Yes - JGI scaff 160:1007608-1039219	e_gw1.160.91.1	Yes - chr4, 29,226K	NM_001006015.1	<i>syt1a</i> - chr4, 29,382K
<i>NAV3</i>	Yes - chr12, 76,700K	NM_014903.4	Yes - JGI scaff 160:530993-568040	e_gw1.160.72.1	Yes - chr4, 29,701K	NM_001045143.2	<i>syt1a</i> - chr4, 29,382K
<i>BBS10</i>	Yes - chr12, 75,261K	NM_024685.3	Yes - JGI scaff 541:703468-708035	estExt_Genewise1.C_5410005	Yes - chr18, 5,679K	NM_001089463.1	<i>syt1b</i> - chr18, 5,667K
Human gene	Linked to <i>SYT2</i> in H.sapiens ?		Linked to <i>syt2</i> in X.tropicalis ?		Homologue in D.rerio ?		Linked to which <i>syt</i> in D.rerio ?
<i>SYT2</i>	Yes - chr1, 200,817K	NM_177402.4	Yes - JGI scaff 18:5027186-5045705	MOL_e_gw1.18.132.1	Yes - two		<i>syt2a</i> / <i>syt2b</i>
<i>PPP1R12B</i>	Yes - chr1, 200,554K	NM_002481.2	Yes - JGI scaff 18:4973914-5008317	fgenesht1_kg.C_scaffold_18000015	Yes - chr6, 46,447K	NM_001077579.1	<i>syt2b</i> - chr6, 37,840K
<i>TNNI1</i>	Yes - chr1, 199,637K	NM_003281.3	Yes - JGI scaff 18:5255634-5264033	e_gw1.18.234.1	Yes - chr6, 38,208K Also - chr23, 4,292K	chr6: NM_001008613.1 chr23: XM_681611.2	<i>syt2a</i> and <i>syt2b</i>
<i>TNNT2</i>	Yes - chr1, 199,592K	NM_000364.2	Yes - JGI scaff 18:5283990-5308657	fgenesht1_pg.C_scaffold_18000127	Yes - chr23, 39,003K	NM_152893.1	<i>syt2a</i> - chr23 but not close, 1,917
<i>PKP1</i>	Yes - chr1, 199,513K	NM_000299.2	Yes - JGI scaff 18:5317831-5332694	fgenesht1_pg.C_scaffold_18000128	Yes - chr6, 38,274K	XM_001338263.2	<i>syt2b</i> - chr6, 37,840K
<i>NAV1</i>	Yes - chr1, 199,862K	NM_020443.3	Yes - JGI scaff 18:5107431-5177840	e_gw1.18.116.1	Yes - chr6, 38,002K Also - chr23, 33,056K	chr6: XM_001920952.1 chr23: XR_044873.1	<i>syt2a</i> and <i>syt2b</i>
Human gene	Linked to <i>SYT5</i> in H.sapiens ?		Linked to <i>syt5</i> in X.tropicalis ?		Homologue in D.rerio ?		Linked to which <i>syt</i> in D.rerio ?
<i>SYT5</i>	Yes - chr19, 60,375K	NM_003180.2	Yes - JGI scaff 356:560155-582080	MOL_e_gw1.356.4.1	Yes - two		<i>syt5a</i> / <i>syt5b</i>
<i>PPP1R12C</i>	Yes - chr19, 60,290K	NM_017607.2	Yes - JGI scaff 356:419431-424397	e_gw1.356.128.1	Not in assembly Zv7		
<i>TNNT1</i>	Yes - chr19, 60,334K	NM_003283.4	Yes - JGI scaff 356:462258-467771	e_gw1.356.16.1	Yes - chr3, 29,898K	NM_001128695.1	<i>syt5a</i> - chr3, 29,884K
<i>TNNI3</i>	Yes - chr19, 60,354K	NM_000363.4	Yes - JGI scaff 356:508771-523606	fgenesht1_pg.C_scaffold_356000024	Not in assembly Zv7		
<i>PTPRH</i>	Yes - chr19, 60,380K	NM_002842.3	Not in assembly v4.1		Yes - chr24, two copies, 6,753K and 6,665K	XM_001919198.1	<i>syt5b</i> - chr24, 6,786K
Human gene	Linked to <i>SYT8</i> in H.sapiens ?		Linked to <i>syt8</i> in X.tropicalis ?		Homologue in D.rerio ?		Linked to which <i>syt</i> in D.rerio ?
<i>SYT8</i>	Yes - chr11, 1,811K	NM_138567.3	Yes - JGI scaff 419:462072-469381	MOL_estExt_fgenesht1_pm.C_4190008	Yes - chr25, 26,331K		<i>syt8</i>
<i>TNNT3</i>	Yes - chr11, 1,895K	NM_006757.3	Yes - JGI scaff 419:562392-571544	e_gw1.419.79.1	Yes - chr25, 26,831K	NM_131565	<i>syt8</i>
<i>TNNI2</i>	Yes - chr11, 1,817K	NM_003282.3	Yes - JGI scaff 419:473297-481064	estExt_fgenesht1_pg.C_4190018	Yes - chr25, 26,659K	NM_001007365.1	<i>syt8</i>