

**Table S3. 12 somatic nonsynonymous mutations (cancer-specific) were identified in cardiac tumor tissues.**

<b>Gene</b>	<b>Full names</b>	<b>Location</b>	<b>Tt</b>	<b>Nt</b>	<b>AA variant</b>
<i>TPR</i>	<i>translocated promoter region, nuclear basket protein</i>	chr1:186325455	T/G	T	L617F
<i>POMC</i>	<i>proopiomelanocortin</i>	chr2:25384276	A/G	A	Y160H
<i>PIK3CA</i>	<i>phosphatidylinositide-3-kinase, catalytic, subunit alpha</i>	chr3:178952085	A/G	A	H1047R
<i>TMEM8C</i>	<i>transmembrane protein 8C</i>	chr9:136380644	G/A	G	A162V
<i>KIF21A</i>	<i>kinesin family member 21A</i>	chr12:39701378	C/T	C	W1477*
<i>PFKM</i>	<i>phosphofructokinase, muscle</i>	chr12:48528736	G/A	G	R253H
<i>KIF23</i>	<i>kinesin family member 23</i>	chr15:69732348	A/G	A	K607E
<i>MYH3</i>	<i>myosin, heavy chain 3, skeletal muscle, embryonic</i>	chr17:10533774	G/T	G	A1763D
<i>JUP</i>	<i>junction plakoglobin</i>	chr17:39919518	A/C	A	V405G
<i>PIEZO2</i>	<i>piezo type mechanosensitive ion channel component 2</i>	chr18:10855358	A/C	A	Y304D
<i>SETBP1</i>	<i>SET binding protein 1</i>	chr18:42532328	G/A	G	R1008H
<i>ROBO3</i>	<i>roundabout guidance receptor 3</i>	chr11:124735480	C/A	C	R3S