Table S1 Molecular identity of Sacy mutations in *tn* alleles

Gene	Allele	Nucleotide change	Amino acid change[a]
pde-6	*tn1237*	CAG -> **T**AG	Q668*
	tn1242	TGG -> TG**A**	W444*
	tn1336	TGG -> TG**A**	W664*
tom-1	*tn1454*	Tc1 insertion	
	tn1463	GGT -> **A**GT	G498S
sacy-1	*tn1385*	GGA -> **A**GA	G533R
	tn1391	GGA -> **A**GA	G473R
	tn1440	GGA -> **A**GA	G331R
twk-1	*tn1397*	TGG -> T**A**G	W177*
	tn1398	TGG -> TG**A**	W330*
	tn1403	GAA -> **T**AA	E272*
spr-4	*tn1383*	CGA -> **T**GA	R1230*
	tn1402	CGA -> **T**GA	R1230*
	tn1404	CAT -> **T**AT	H845Y
	tn1438	CGA -> **T**GA	R486*
	tn1444	CAG -> **T**AG	Q1128*
	tn1467	CAG -> **T**AG	Q45*
spr-5	*tn1378*	TGG -> T**A**G	W666*
	tn1379	GAG -> **A**AG	E164K
	tn1394	GGT -> G**A**T	G619D
uev-1	*tn1381*	GGA-> G**A**A	G17E
	tn1382	GGT -> G**A**T	G47D
spr-2	*tn1380*	GAT-> G**C**T	D42A
	tn1436	Tc1 insertion	

[a]Premature stop codons are indicated by asterisks. The numbering of amino acids refers to the isoforms PDE-6A, TOM-1A, SPR-4A, and SPR-2B.