



New age-related hearing loss candidate genes in humans: an ongoing challenge

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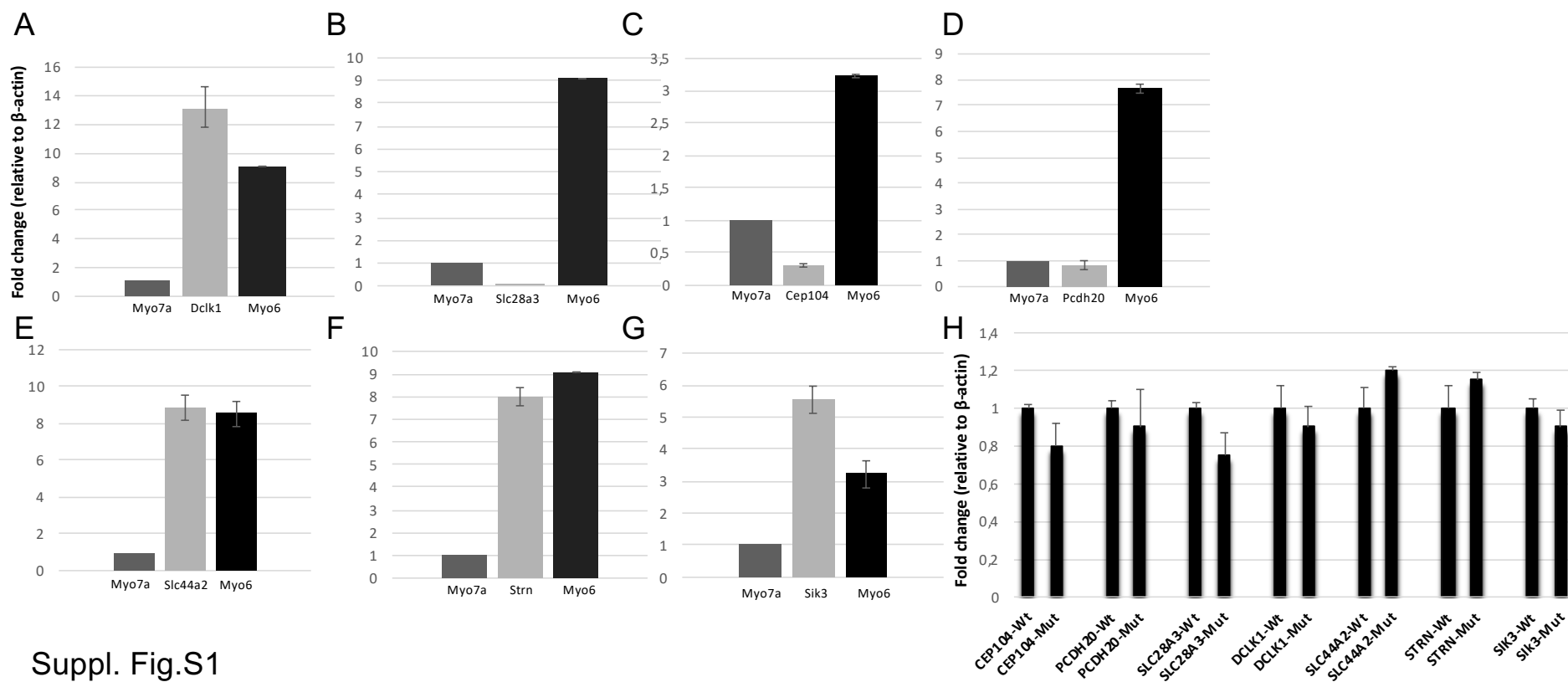
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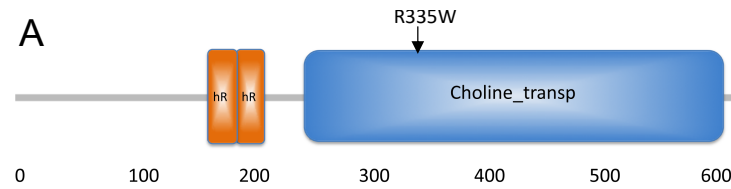
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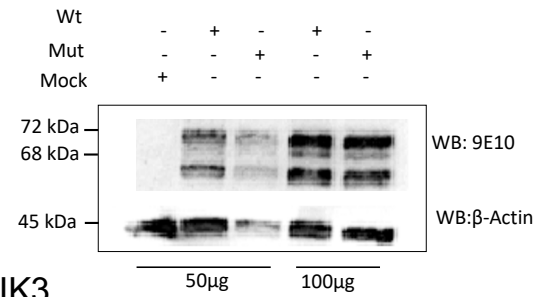


Suppl. Fig.S1

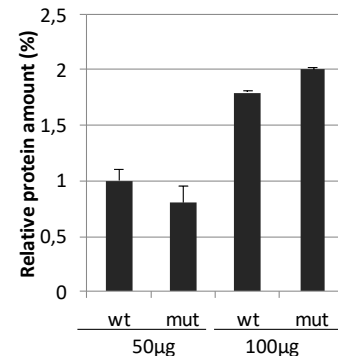
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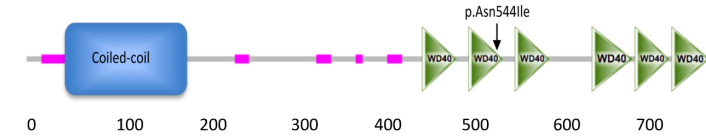
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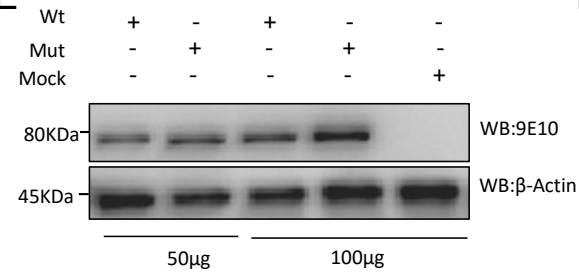
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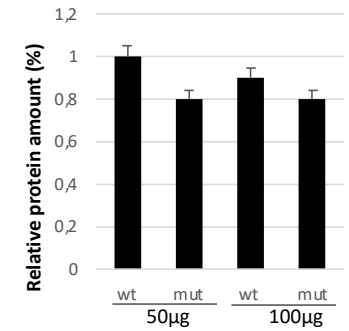
STRN D



E

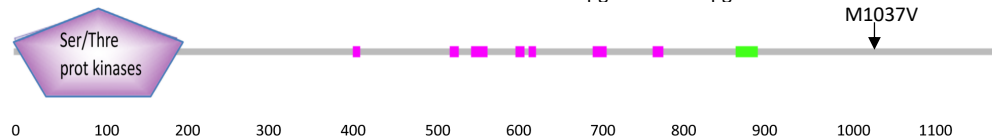


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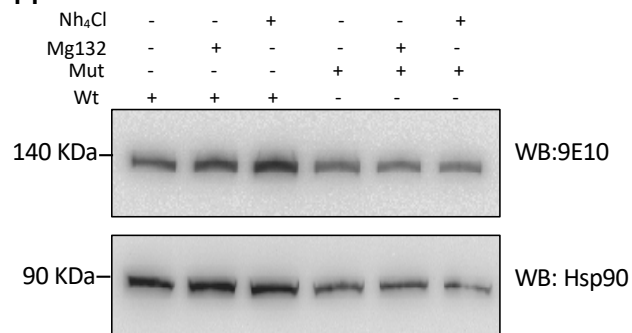


SIK3

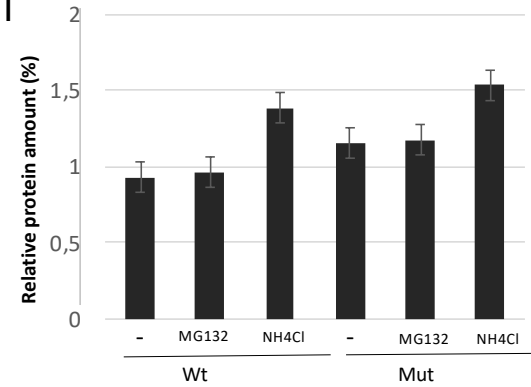
G



H



I



Suppl. Fig.S2

Gene	Patients	age	sex	Left Ear									Right ear								
				125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	3000 Hz	4000 Hz	6000 Hz	8000 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	3000 Hz	4000 Hz	6000 Hz	8000 Hz
DCLK1	FriuliVenezia Giulia_1	74	M	5	5	10	10	25	NA	55	NA	55	5	5	10	10	NA	25	65	NA	55
SLC28A3	Sardinia_1	69	F	20	20	20	15	20	25	45	55	60	20	20	15	15	25	30	50	60	65
CEP104	Sardinia_19	57	F	20	25	20	10	10	10	20	100	100	10	20	20	10	10	10	15	60	90
PCDH20	Milan_1	53	F	10	10	10	10	10	40	45	80	75	10	10	10	10	10	35	35	65	80
SLC44A2	Sardinia_25	65	F	30	40	20	20	30	30	55	50	90	25	25	20	10	10	25	35	40	55
STRN	Sardinia_26	56	M	15	15	15	10	20	25	50	55	60	15	15	15	10	10	30	50	55	50
SIK3	FriuliVenezia Giulia_2	82	F	25	25	25	55	70	NA	70	NA	70	35	45	30	50	NA	70	80	NA	80

Suppl.Table S1

Interaction	Salt Bridges		H-bonds	
	<i>WT</i>	<i>mutant</i>	<i>WT</i>	<i>mutant</i>
E/Q415-K469	90.4	-	78.3	21.7
E406-K469	60.0	47.6	46.7	32.2
Q415-E406	-	-	-	6.5

Suppl.Table S2