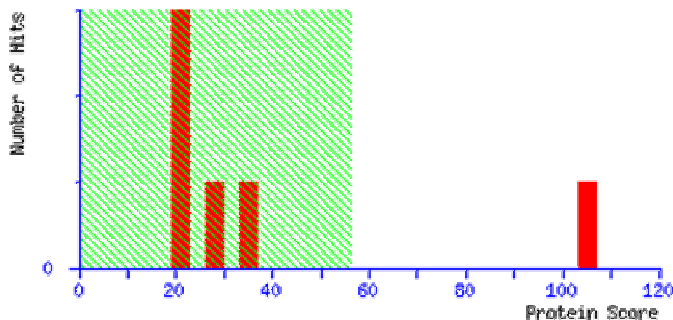


# MATRIX SCIENCE Mascot Search Results

**User** : Tosifusa Toda  
**Email** : ttoda@proteome.jp  
**Search title** : TIG3-ssp110  
**Database** : SwissProt 2017\_12 (556388 sequences; 199430408 residues)  
**Taxonomy** : Homo sapiens (human) (20245 sequences)  
**Timestamp** : 25 Dec 2017 at 02:21:09 GMT  
**Top Score** : 105 for **TPM2\_HUMAN**, Tropomyosin beta chain OS=Homo sapiens GN=TPM2 PE=1 SV=1

## Mascot Score Histogram

Protein score is  $-10 \times \log(P)$ , where P is the probability that the observed match is a random event. Protein scores greater than 56 are significant ( $p < 0.05$ ).



## Concise Protein Summary Report

Format As	Concise Protein Summary	Help
Significance threshold p<	0.05	Max. number of hits
Preferred taxonomy	All entries	

1.	<a href="#">TPM2_HUMAN</a>	Mass: 32945	Score: <b>105</b>	Expect: 6.4e-07	Matches: 10
	Tropomyosin beta chain OS=Homo sapiens GN=TPM2 PE=1 SV=1				
	<a href="#">TPM4_HUMAN</a>	Mass: 28619	Score: <b>80</b>	Expect: 0.00022	Matches: 8
	Tropomyosin alpha-4 chain OS=Homo sapiens GN=TPM4 PE=1 SV=3				
	<a href="#">TPM3_HUMAN</a>	Mass: 32987	Score: <b>69</b>	Expect: 0.0024	Matches: 8
	Tropomyosin alpha-3 chain OS=Homo sapiens GN=TPM3 PE=1 SV=2				
	<a href="#">TPM1_HUMAN</a>	Mass: 32746	Score: 45	Expect: 0.69	Matches: 6
	Tropomyosin alpha-1 chain OS=Homo sapiens GN=TPM1 PE=1 SV=2				
	<a href="#">RBM34_HUMAN</a>	Mass: 48649	Score: 38	Expect: 3.4	Matches: 6
	RNA-binding protein 34 OS=Homo sapiens GN=RBM34 PE=1 SV=2				
	<a href="#">DHB11_HUMAN</a>	Mass: 33257	Score: 36	Expect: 5.6	Matches: 4
	Estradiol 17-beta-dehydrogenase 11 OS=Homo sapiens GN=HSD17B11 PE=1 SV=3				
	<a href="#">ORC2_HUMAN</a>	Mass: 65988	Score: 30	Expect: 20	Matches: 5
	Origin recognition complex subunit 2 OS=Homo sapiens GN=ORC2 PE=1 SV=2				
	<a href="#">MOCS1_HUMAN</a>	Mass: 70859	Score: 30	Expect: 20	Matches: 5
	Molybdenum cofactor biosynthesis protein 1 OS=Homo sapiens GN=MOCS1 PE=1 SV=3				
	<a href="#">RL9_HUMAN</a>	Mass: 21964	Score: 30	Expect: 22	Matches: 4
	60S ribosomal protein L9 OS=Homo sapiens GN=RPL9 PE=1 SV=1				
	<a href="#">SSF1_HUMAN</a>	Mass: 53446	Score: 29	Expect: 27	Matches: 5
	Suppressor of SWI4 1 homolog OS=Homo sapiens GN=PPAN PE=2 SV=1				
	<a href="#">RAB41_HUMAN</a>	Mass: 25251	Score: 28	Expect: 36	Matches: 3
	Ras-related protein Rab-41 OS=Homo sapiens GN=RAB41 PE=1 SV=2				
	<a href="#">RDH16_HUMAN</a>	Mass: 36050	Score: 26	Expect: 46	Matches: 4
	Retinol dehydrogenase 16 OS=Homo sapiens GN=RDH16 PE=1 SV=2				