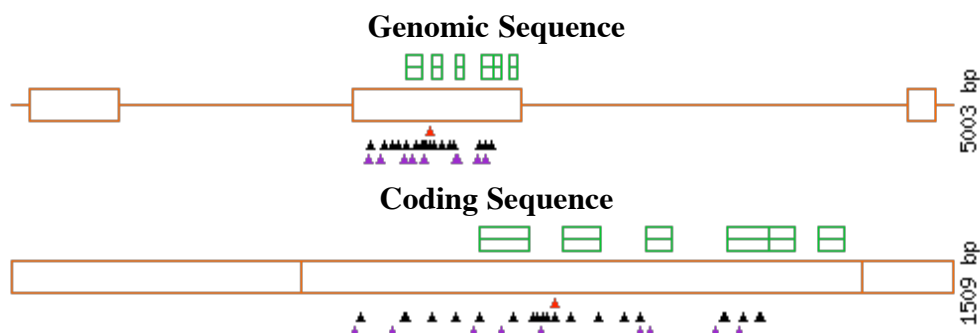


# TRPN1

IPB005458, IPB005463, IPB002153, IPB005459, IPB005461, IPB005457, IPB005462, and IPB003915



For help interpreting these results, view the [PARSENP Introduction](#) page.

#	View On Sequence	Nucleotide Change	Effect	Restriction Enzyme Differences from REBASE		PSSM Difference	SIFT Score	Description	Zygoty
				Gained in Variant	Lost from Reference				
1	<a href="#">G C</a>	G1896A	V183=	<a href="#">AccI</a> , <a href="#">SnaI</a>	<a href="#">RsaI</a>			8282	Homo
2	<a href="#">G C</a>	G1906A	V187M	<a href="#">NlaIII</a>				8421	Homo
3	<a href="#">G C</a>	G1956C	L203=	<a href="#">BsmAI</a>	<a href="#">BbvI</a> , <a href="#">Fnu4HI</a> , <a href="#">NspBII</a> , <a href="#">TseI</a>			6284	Homo
4	<a href="#">G C</a>	G1976C	G210A	<a href="#">BtgZI</a>	<a href="#">FokI</a>			7864	Homo
5	<a href="#">G C</a>	T1979A	M211K	<a href="#">AluI</a> , <a href="#">CviJI</a>	<a href="#">FokI</a> , <a href="#">SfaNI</a>			8136	Homo
6	<a href="#">G C</a>	A2022C	L225F	<a href="#">BcgI</a> , <a href="#">HinfI</a> , <a href="#">TfiI</a>	<a href="#">CviJI</a>			7498	Homo
7	<a href="#">G C</a>	G2059T	A238S		<a href="#">BbvI</a> , <a href="#">Fnu4HI</a> , <a href="#">NspBII</a> , <a href="#">TseI</a>			4364	Homo
8	<a href="#">G C</a>	G2088T	V247=		<a href="#">MjaIV</a>			8682	Homo
9	<a href="#">G C</a>	T2098G	W251G	<a href="#">SecI</a> , <a href="#">StyI</a>		-9.8	0.15	7424	Homo
10	<a href="#">G C</a>	T2133C	A262=					4979	Homo
11	<a href="#">G C</a>	G2152A	V269I	<a href="#">BccI</a> , <a href="#">BtgZI</a> , <a href="#">MslI</a>	<a href="#">BceFI</a> , <a href="#">Hpy99I</a>	-0.5	0.00	7673	Homo
12	<a href="#">G C</a>	T2183C	L279P	<a href="#">BetI</a> , <a href="#">BspMII</a> , <a href="#">HpaII</a>	<a href="#">AlwNI</a> , <a href="#">PfiMI</a>			2891	Homo
13	<a href="#">G C</a>	T2188A	F281I		<a href="#">ApoI</a> , <a href="#">EcoRI</a> , <a href="#">TspEI</a>			6684	Homo
14	<a href="#">G C</a>	A2196G	T283=	<a href="#">MaeII</a>				7967	Homo
15	<a href="#">G C</a>	T2199G	F284L	<a href="#">BsrDI</a> , <a href="#">CviRI</a>	<a href="#">TspDTI</a>			6232	Homo

				<a href="#">SfaNI</a>					
16	<a href="#">G C</a>	A2204G	H286R					8425	Homo
17	<a href="#">G C</a>	G2219T	W291L		<a href="#">DsaI</a> , <a href="#">SecI</a>			1638	Homo
18	<a href="#">G C</a>	G2219A	W291*		<a href="#">DsaI</a> , <a href="#">SecI</a>			6493	Homo
19	<a href="#">G C</a>	T2244G	I299M	<a href="#">TspDTI</a>	<a href="#">MseI</a>	8.5	0.10	1239	Homo
20	<a href="#">G C</a>	T2244G	I299M	<a href="#">TspDTI</a>	<a href="#">MseI</a>	8.5	0.10	1239	Homo
21	<a href="#">G C</a>	C2288T	T314I	<a href="#">BsrDI</a>	<a href="#">BtsI</a> , <a href="#">TspRI</a>	1.8	0.01	4850	Homo
22	<a href="#">G C</a>	A2330T	Y328F					3121	Homo
23	<a href="#">G C</a>	C2354T	T336M	<a href="#">NlaIII</a>				8519	Homo
24	<a href="#">G C</a>	G2355T	T336=	<a href="#">SfeI</a>				2992	Homo
25	<a href="#">G C</a>	T2370C	V341=	<a href="#">FinI</a> , <a href="#">PaeI</a> , <a href="#">SecI</a>				8286, 8315	Homo
26	<a href="#">G C</a>	G2475A	V376=					4251	Homo
27	<a href="#">G C</a>	G2487A	M380I					3880	Homo
28	<a href="#">G C</a>	T2491G	F382V					1674	Homo
29	<a href="#">G C</a>	G2514A	T389=		<a href="#">MaeII</a>			5145	Homo
30	<a href="#">G C</a>	G2521T	V392L			8.5	0.20	4357	Homo
31	<a href="#">G C</a>	T2546G	M400R	<a href="#">FokI</a> , <a href="#">MnII</a>	<a href="#">BtgZI</a>	31.8	0.00	6164	Homo
32	<a href="#">G C</a>	T2549G	M401R	<a href="#">BseRI</a> , <a href="#">MnII</a>		23.7	0.00	8350	Homo

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[View Variants on 3D Structure](#)

No [protein homology model](#) was submitted. You may add one using any or all of the fields below.

**Blocks Families:**

**Blocks File:**  no file selected

**Sequence Alignment:**  no file selected

**-OR-**

## Genomic Sequence

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E 503  
gag 1509

