

Befund YYWPRPRRYV antigenic peptide

MSWRGRST **YYWPRPRRYV**QPPEMIGPMRPEQFSDEVEPATPEEGEPATQRQDPAAAQEGEDEGASAGQGP
KPEAHSQEQQHPQTGCECEDGPDGQEMDPPNPEEVKTPPEEGEKQSQC

z.B. erwähnt und enthalten in:

GAGE4 G antigen 4 [*Homo sapiens*]

GeneID: 2576 Locus tag: [HGNC:4101](#); [MIM: 604246](#)

updated 07-Aug-2005

Summary

Official Symbol: GAGE4 and **Name:** G antigen 4 provided by [HUGO Gene Nomenclature Committee](#)

Gene type: protein coding

Gene name: GAGE4

Gene description: G antigen 4

RefSeq status: Reviewed

Organism: [Homo sapiens](#)

Lineage: *Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae; Homo*

Gene aliases: GAGE5

Summary: This gene belongs to a family of genes that are expressed in a variety of tumors but not in normal tissues, except for the testis. The sequences of the family members are highly related but differ by scattered nucleotide substitutions. The antigenic peptide **YYWPRPRRY**, which is also encoded by several other family members, is recognized by autologous cytolytic T lymphocytes. **Nothing is presently known about the function of this protein.**

Entspricht der NS-Sequenz:

TAT TAT TGG CCT AGA CCA AGG CGC TAT GTA

PerZan attributes of a DNA sequence (non-coding strand ~= mRNA)

antigenic se

#2005-09-19 PerZan

#index	Codon	AminoAcid	PerZan	proc.	pos.	con-	I Ging
#		3/1char/atr	index	col	col	densed	
1	TAT	Tyr / Y / *	62	g>g	O/V	T	Unruhe
2	TAT	Tyr / Y / *	62	g>g	O/V	T	Unruhe
3	TGG	Trp / W / o	35	b>s	R/S	T	Fortschritt
4	CCT	Pro / P / o	36	s>y	S/R	G	Zensur
5	AGA	Arg / R / +	10	w>r	W/Y	A	Vermittlung
6	CCA	Pro / P / o	37	v>w	B/R	A	Familie
7	AGG	Arg / R / +	38	w>o	R/Y	C	Gegensatz
8	CGC	Arg / R / +	17	g>r	Y/O	C	Vollendungskraft
9	TAT	Tyr / Y / *	62	g>g	O/V	T	Unruhe
10	GTA	Val / V / o	59	r>v	B/G	G	Auflösung

antigenic se_falg.rtf - Faecher-Lesen - 2005-09-19 PerZan

leveln

G

leveln-1

TAG

TAG 56 Suche (stop) ==> metasystemischer Krebs-Marker

leveln-2

TTTGAACCTG

TTT 2 Das Empfangende GAA 44 Durchdringung CCT 36 Zensur

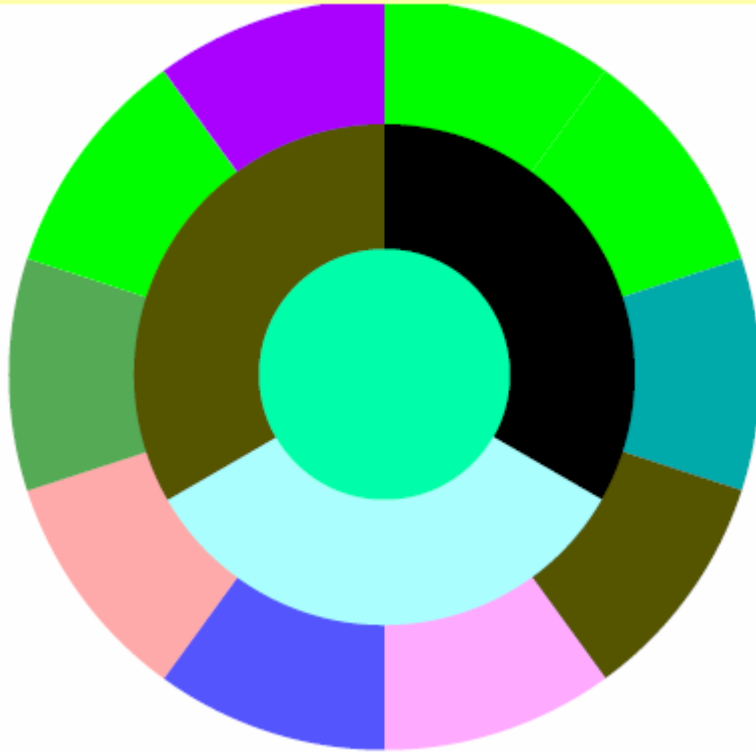
TGA 12 Stockung (stop) ACC 5 Geduld

TTG 23 Zersplittung AAC 43 Verwirklichung CTG 27 Bestimmung

Farbkreis CV

benz: antigenic se_all_d_kreis - 19.09.2005 PerZan

on:



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