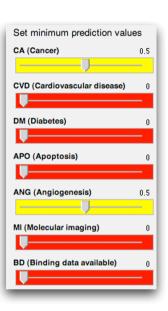
1. Query using text or sequence search

Search receptor & Submit

2. Explore results and add constraints



De	Details				Results 1 - 20 of 32											
<u>CA</u>	<u>CVD</u>	<u>DM</u>	<u>APO</u>	ANG	MI	BD	Γ	Peptide	Sequence	Interactor	Reference	Score				
								YWKV	YWKV	unknown	<u>11026536</u>	0.49				
								RGDYK	<u>RGDYK</u>	unknown	<u>11216533</u>	0.49				
								YRGDY	<u>YRGDYK</u>	unknown	<u>11216533</u>	0.49				
							\Box	YRGDY	<u>YRGDYV</u>	unknown	<u>11216533</u>	0.49				
								ATWLP	ATWLPPR	KDR	<u>10747021</u>	0.77				
								RLVSY	RLVSYNGIIFFLK	unknown	<u>15256450</u>	0.5				
								RGD	RGD	unknown	<u>16391196</u>	0.68				
								RGDFV	<u>RGDFV</u>	unknown	<u>10452325</u>	0.49				
								YRADY	YRADYV	unknown	<u>10452325</u>	0.49				
								YRGDY	<u>YRGDYV</u>	unknown	<u>10452325</u>	0.49				
								YRGDF	YRGDFY	unknown	<u>10452325</u>	0.49				
								SYSPY	SYSPYDMLESIK	unknown	<u>12453439</u>	0.49				
								SLYYI	SLYYIQQDTK	unknown	<u>12453439</u>	0.5				
								HTMYY	HTMYYHHYQHHL	KDR	<u>12183450</u>	0.75				
							\Box	SFLLR	SFLLRNPNDKYEPF	unknown	<u>14521590</u>	0.49				

3. Review and vote

Classification incorrect? Click the corresponding button to vote. Your vote is used to improve the automatic classification. "Yes, abstract is <i>related.</i> " "No, abstract is <i>not related.</i> "											
CA	CVD	DM	APO	ANG	MI	BD					
							Vote				
+	+	+	+	+	+	+	Yes				
	-		-				No				

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Template-constrained cyclic peptide analogues of somatostatin: subtype-selective binding to somatostatin receptors and antiangiogenic activity.

Suich DJ, Mousa SA, Singh G, Liapakis G, Reisine T, DeGrado WF Beta-turns are a common secondary structure motif found in proteins that play a role in protein folding and stability and participate in molecular recognition interactions. Somatostatin, a peptide hormone possessing a variety of therapeutically-interesting biological activities, contains a beta-turn in its bioactive conformation. The beta-turn and biological activities of somatostatin have been succesfully mimicked in cyclic hexapeptide analogues. Two novel, structured, non-peptidic molecules were developed that are capable of holding the bioactive tetrapeptide sequence of somatostatin analogues in a beta-turn conformation, as measured by somatostatin receptor (SSTR) binding. Template-constrained cyclic peptides in which the ends of the -Tyr-D-Trp-Lys-Val-tetrapeptide were linked by scaffolds based on either an N,N'-dimethyl-N,N'-diphenylurea or a substituted biphenyl system (DJS631 and DJS811, respectively), bound selectively to mouse SSTR2B and rat and human