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[Continued on next page]

(54) Title: ANTIBODIES THAT BIND CXCR7 EPITOPES

Figure 3: Ab Mapping Result Summary

Peptide ID	Location	Peptide Sequence	11G8	6E10
Peptide 1	N-terminus	MDLHLFDYSEPGNFSDI	-	-
Peptide 2	N-terminus	FSDISWPCNSSDCIVVD		
Peptide 3	N-terminus	IVVDTVMCPNMPNKSVLL	-	-
Peptide 4	1 EC	QHNQWPMGELTC	-	-
Peptide 5	2 EC	KTVTSASNNETYCRS	-	-
Peptide 6	2 EC	YCRSFYPEHSIKEWL	-	-
Peptide 7	3 EC	SILHYIPFTCRLEH	-	-
Peptide 2	N-terminus	FSDISWPCNSSDCIVVD		
Peptide 2.1.1	N-terminus	DISWPCNSSDCI	-	
Peptide 2.1.2	N-terminus	SWPCNSSDCIVV	-	
Peptide 2.1.3	N-terminus	PCNSSDCIVVDT	-	-
Peptide 2.1.4	N-terminus	NSSDCIVVDTVM	-	-
Peptide 2.1.5	N-terminus	SDCIVVDTVMCP	-	-
Peptide 2.1.6	N-terminus	CIVVDTVMCPNM	-	-
Peptide 2.1.7	N-terminus	VVDTVMCPNMPN	-	-
Peptide 9C4	N-terminus	DYSEPGNFSDISWPC		-
Peptide 2	N-terminus	FSDISWPCNSSDCIVVD		
Peptide 2.2.1	N-terminus	FSDISWPC		-
Peptide 2.2.2	N-terminus	GNFSDISW	-	-
Peptide 2.2.3	N-terminus	YSDINWPC (mCXCR7)		-
Peptide 2.2.4	N-terminus	SWPCNSSDCIV	-	
Peptide 2.2.5	N-terminus	WPCNSSDCIVV	-	
Peptide 2.2.6	N-terminus	NWPCNSSDCIVV (mCXCR7)	-	
Peptide 2.2.1	N-terminus	FSDISWPC		-
Peptide 2.3.1	N-terminus	NFSDISWP		-
Peptide 2.3.2	N-terminus	SDINWPCN	-	-
Peptide 2.2.5	N-terminus	WPCNSSDCIVV	-	
Peptide 2.3.3	N-terminus	WPCNSSDCI	-	-
Peptide 2.3.4	N-terminus	PCNSSDCIV	-	-

(57) Abstract: Antibodies that bind CXCR7 epitopes, as well as methods of identifying CXCR7 modulators are described.

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