

Pool number	Peptide number	Localization within MSP-1 block 2
P1	1-60-45-55-73	Block 1 Mad20
	01 TGYSLFQKEKMLNE	
	60 TGYGLFQKEKMLNE	
	45 TGYSLFHKEKMILNE	
	55 TGYGLFHKEKMILNE	
	73 TGYGLFHKEKMILNE	
P2	10-27-28-40-72	Block 3
	10 RTNPSDNSSSDAKS	
	27 RTNPSDNSSDSNTKT	
	28 SSDSNTKTYADLKHR	
	40 GAANPSDDSSSDAK	
	72 DASDSDAKSYADLKH	
P3	2-3-13-4-29	N-term MAD20
	02 KEKMLNEGTSGTAV	
	03 EGTSGTAVTTSTPGS	
	13 VTTSTPGSKGSVASS	
	04 VTTSTPGSGSVTSG	
	29 VTTSTPGSSGSVASG	
P4	11-25-14-5	N-term MAD20
	11 VTTSTPGSSGSVTSG	
	25 VTTSTPGSKGSVTSG	
	14 SKGSVASGGSVASGG	
	05 SGGSVTSGSGGSVA	
P5	16-17-26-30-22	Central MAD20
	16 SGGSVTSGGSVTSGG	
	17 GGSVTSGGSGASVAS	
	26 SSGSVTSGGSVASVA	
	30 SSGSVASGGSVASVA	
	22 GSVTSVASVASVASV	
P6	15-18-32-23-7	Central MAD20
	15 GSGGGSVASGGSVAS	
	18 GSGASVASVASVASV	
	32 SVASGGSVASGGSGN	
	23 SVASVASVASVASGG	
	07 ASVASGGGGSVASG	
P7	6-31-19-8-12	C-term MAD20
	06 GSGGGSVASVASGGG	
	31 GGSVASVASGGSGG	
	19 SVASVASVASGGSGN	
	08 SGGSVASGGSGNSRR	
	12 ASVASGASGGSGNSR	
P8	24-20-9-21	C-term MAD20
	24 VASVASGGSGNSRRT	
	20 VASGGSGNSRRTNPS	
	09 GGSGNSRRTNPSDNS	
	21 NSRRTNPSDNSSDS	
P9	33-34-41-43-35	RO33 N-term
	33 KEKMLKDGANTQVV	
	34 DGANTQVVAKPADAV	
	41 DGANTQVVAKPVPAV	
	43 DGANTQVVAKPAGAV	
	35 VAKPADAVSTQSAKN	

Pool number	Peptide number	Localization within MSP-1 block 2
P10	42-44-36-37-38-39	RO33 C-term
	42 VAKPVPVAVSTQSAKN	
	44 VAKPAGAVSTQSAKN	
	36 VSTQSAKNPPGATVP	
	37 NPPGATVPSGTASTK	
	38 PSGTASTKGAIRSPG	
	39 KGAIRSPGAANPSDD	
P11	46-61-74-47-76	N-term K1
	46 KEKMILNEEITTKG	
	61 KEKMLNEEITTKG	
	74 KEKMLNEEITTKG	
	47 EEEITTKGASAQSGT	
	76 EEEITTKGASAQGSS	
P12	48-62-77-56-49	N-term K1
	48 GASAQSGTSGTSGTS	
	62 GASAQSGASAQSGAS	
	77 GASAQSGSGPSGTPS	
	56 TSGTSGTSGTSGTSG	
	49 TSGTSGTSGPSGPGSG	
P13	67-75-57-65-80	Central K1
	67 TSGTSGPSGPGSGTSP	
	75 TSGTSGPSGTPSSR	
	57 GTSGTSAQSGTSGTS	
	65 GTSAAPSGSGTSPSSR	
	80 TSGPSGTGPGSGTSP	
P14	79-50-68-78-58-64	Central K1
	79 SGTSGPSGTSGPSGT	
	50 SGPSGPGSGTSPSSRS	
	68 SGPSGTPSPSSRSNTL	
	78 SGPSGTPSGTSGPSG	
	58 SAQSGTSGTSAQSGT	
	64 SAQSGPSGTSAPSGS	
P15	63-59-51-69-52-81	C-term K1
	63 QSGASATSAQSGPSG	
	59 TSGTSGTSGTSPSSR	
	51 GTSPSSRSNTLPRSN	
	69 PSSRSNTLPRSNSS	
	52 SNTLPRSNSSGASP	
	81 LPRSNSSGASPPAD	
P16	70-66-53-71-82-54	C-term K1
	70 LPRSNSSGAIPPAD	
	66 SNTSSGAPPADASDS	
	53 NTSSGASPPADASDS	
	71 SGAIIPPADASDSDAK	
	82 SGASPPADASDSDAK	
	54 PPADASDSDAKSYAD	