

	AKMV158	IMV surface protein, fusion protein	162	A28L	A27L	155356-155024	110	100	100	100	100	100	100	100	100	100	100
	AKMV159	IMV MP/Virus entry	163	A29L	A28L	155797-155357	146	100	100	97.9	98.6	98.6	100	100	100	100	100
	AKMV160	RNA polymerase (RPO35) subunit	164	A30L	A29L	156715-155798	305	100	100	100	100	100	100	100	100	100	100
	AKMV161	IMV protein	165	A31L	A30L	156911-156678	77	100	100	98.7	100	100	100	100	100	100	100
	AKMV162	-	166	A32R	A31R	157071-157454	127	100	100	100	100	100	100	100	100	100	100
	AKMV163	ATPase/DNA packaging protein	167	A33L	A32L	158323-157424	299	100	100	99.7	100	100	100	100	100	100	100
	AKMV164	EEV membrane phosphoglycoprotein, C-type lectin-like domain	168	A34R	A33R	158363-158920	185	100	100	98.9	98.9	98.9	100	100	100	100	100
	AKMV165	C-type lectin-like IEV/EEV glycoprotein	169	A35R	A34R	158944-159450	168	100	100	100	100	100	100	100	100	100	100
	AKMV166	Overlapped with a bigger ORF															
	AKMV167	MHC class II antigen presentation inhibitor	171	A36R	A35R	159495-160025	176	100	100	99.4	99.4	99.4	100	100	100	100	100
	AKMV168	IEV transmembrane phosphoprotein	172	A37R	A36R	160092-160760	222	99.1	100	98.6	99.1	99.1	99.1	100	100	100	100
	AKMV169	-	173	A38R	A37R	160825-161616	263	100	100	100	100	100	100	100	100	100	100
	AKMV170	-	174	A39R	-	161725-161913	62	100	100	98.4	100	100	100	100	100	100	100
	AKMV171	CD47-like, integral membrane protein	175	A40L	A38L	162743-161910	277	100	100	99.6	99.6	99.6	100	100	100	100	100
	AKMV172	Semaphorin	176	A41R	A39R	162759-163955	398	99.7	100	99.2	98.2	98.2	100	100	100	100	100
	AKMV173	Lectin homolog	177	A42R	A40R	163982-164503	173	100	100	97.1	96.6	96.6	100	100	100	101	101
	AKMV174	Chemokine binding protein	178	A43L	A41L	165280-164618	220	100	100	99.1	98.6	98.6	100	100	100	100	100
	AKMV175	Profilin-like protein, ATI-localized	179	A44R	A42R	165462-165863	133	100	100	100	90.2	90.2	100	100	100	100	100
	AKMV176	Type I membrane glycoprotein	180	A45R	A43R	165904-166515	203	100	100	98.5	94.1	94.1	100	100	100	100	100
	AKMV177	-	181	A46R	A43.5R	166534-166761	75	100	100	94.7	92	92	100	100	100	100	100
	AKMV178	3β-hydroxysteroid dehydrogenase/δ 5->4 isomerase	182	A47L	A44L	167920-166886	344	100	99.7	99.7	97.7	97.7	100	100	100	100	100
	AKMV179	Inactive Cu-Zn superoxide dismutase-like virion protein	183	A48R	A45R	167968-168345	125	100	100	100	100	100	100	100	100	100	100
	AKMV180	Toll/IL-1 receptor-like protein; signaling inhibitor	184	A49R	A46R	168335-169057	240	100	100	99.2	99.2	99.2	100	100	100	100	100
	AKMV181	Immunoprevalent protein	185	A50L	A47L	169892-169158	244	100	100	100	100	100	100	100	100	100	100
	AKMV182	Thymidylate kinase	186	A51R	A48R	169991-170605	204	100	100	100	100	100	100	30.4	100	100	100
	AKMV183	Putative phosphotransferase/anion transport protein	187	A52R	A49R	170654-171142	162	100	100	97.5	98.1	98.1	100	100	100	100	100
	AKMV184	ATP-dependent DNA ligase	188	A53R	A50R	171174-172838	554	100	100	100	99.8	99.8	100	100	100	100	100
	AKMV185	-	189	A54R	A51R	172905-173909	334	100	100	100	99.7	99.7	100	100	100	100	100
	AKMV186	Toll/IL-1 receptor-like protein; IL-1, NFκB signalling inhibitor	190	A55R	A52R	173979-174563	194	100	100	100	100	100	100	100	100	100	100
	AKMV187	TNF receptor (CrmC)	191	A56R	A53R	174913-175467	184	100	100	97.8	98.9	98.9	100	100	100	100	100
	AKMV188	BTB Kelch-domain containing protein	193	A57R	A55R	175708-177402	564	100	100	99.8	99.8	99.8	100	100	100	100	100
	AKMV189	Hemagglutinin	194	A58R	A56R	177452-178393	313	100	100	99.4	99	99	100	100	100	100	100
	AKMV190	Guanylate kinase	195	A59R	A56.5R	178410-179003	197	100	100	99.5	100	100	100	100	100	100	100
	AKMV191	Ser/Thr Kinase	196	B1R	B1R	179144-180046	300	100	100	100	100	100	100	100	99.7	99.7	99.7
	AKMV192	Schlafen	197	B2R	B2R	180139-181653	504	100	99.8	99.2	99.2	99.2	100	100	100	100	100
	AKMV193	Ankyrin	198	B3R	B4R	181885-183555	556	100	100	99.5	99.3	99.3	100	100	100	100	100
	AKMV194	EEV type-1 membrane glycoprotein	199	B4R	B5R	183659-184612	317	100	100	99.7	99.7	99.7	100	100	100	100	100
	AKMV195	Ankyrin	200	B5R	B6R	184701-185231	176	100	100	97.7	97.7	97.7	100	100	101	101	101
	AKMV196	Virulence, ER resident	201	B6R	B7R	185270-185815	181	100	99.4	99.4	99.4	99.4	100	100	100	100	100
	AKMV197	Soluble interferon-gamma receptor-like protein	202	B7R	B8R	185893-186693	266	100	100	97.7	97.7	97.7	100	100	100	100	100
	AKMV198	Virulence factor	203	B8R	B9R	186835-187581	248	100	100	99.6	98	98	100	100	98.8	100	100
	AKMV199	Kelch-like protein	204	B9R	B10R	187715-189220	501	100	100	99.8	97.8	97.8	100	100	100	100	100
	AKMV200	-	205	B10R	B11R	189291-189578	95	100	100	100	97	97	100	100	97.9	93.7	93.7
	AKMV201	Ser/Thr Kinase	206	B11R	B12R	189645-190502	285	100	100	99.6	99.6	99.6	100	100	100	100	100
	AKMV202	Serpin	207	B12R	K2L	190593-191627	344	100	100	98.8	99.1	99.1	100	100	100	100	100
	AKMV203	-	208	B13R	C16L	191754-192203	149	100	100	99.3	100	100	100	100	100	100	100
	AKMV204	IL-1β receptor	209	B14R	B15.5R	192290-193276	328	100	100	98.5	98.8	98.8	100	100	100	100	100
	AKMV205	IL-1β receptor	210	B15L	B17L	194353-193331	340	100	100	98.5	98.2	98.2	100	100	100	100	100
	AKMV206	Ankyrin	211	B16R	B18R	194443-196230	595	100	100	99.3	99.3	99.3	100	100	100	98.5	98.5
	AKMV207	IFN-α/β binding protein	212	B17R	B19R	196253-197359	368	100	100	99.5	99.7	99.7	100	100	100	100	100
	AKMV208	Ankyrin	213	B18R	B20R	197440-199833	797	100	100	99	97.6	97.6	100	100	100	100	100
	AKMV209	Kelch-like protein	215	B19R	-	199940-201619	559	100	100	99.3	99.1	99.1	100	100	100	100	100
	AKMV210	Serpin	217	B20R	K2L	201879-203009	376	100	100	100	100	100	100	100	100	100	100
	AKMV211	ORF doesn't exist; missing ATG															
	AKMV212	Surface glycoprotein	219	B22R	-	204013-209790	1925	100	100	99.2	99.5	99.5	100	100	100	100	100
	AKMV213	Ankyrin	220	K1R	C19L	210043-211785	580	100	99.8	99.3	98.7	98.7	100	100	100	26	26
	AKMV214	TNF-alpha receptor	-	K3R	-	212581-213072	163	100	100	98.8	98.8	98.8	100	100	100	100	100
	AKMV215	-	222	I1R	C16L	213302-213763	153	100	100	98	98.7	98.7	100	100	100	100	100
	AKMV216	Ankyrin	223	I2R	C17L	213948-215963	671	100	100	98.1	98.8	98.8	100	100	100	100	100
	AKMV217	-	224	-	-	216082-216216	44	100	100	100	100	100	100	100	84.1	84.1	84.1
	AKMV218	Ankyrin	225	I3R	C19L	216228-217997	589	100	100	99.3	99.3	99.3	100	100	100	100	100
	AKMV219	TNF receptor (CrmB)	226	I4R	C22L	218084-219130	348	100	100	99.4	99.7	99.7	100	100	100	100	100
	AKMV220	Chemokine binding protein	227	I5R	C23L	219249-220001	250	100	100	98.8	98.4	98.4	100	100	100	100	100

Right terminal region

ITR region