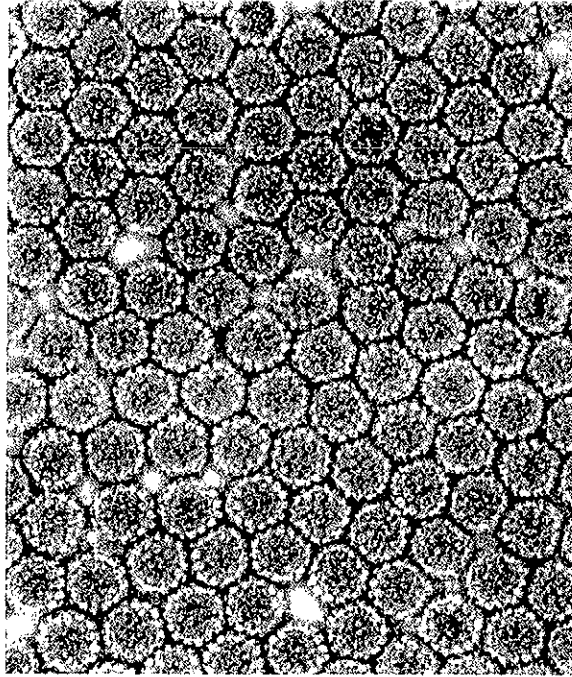
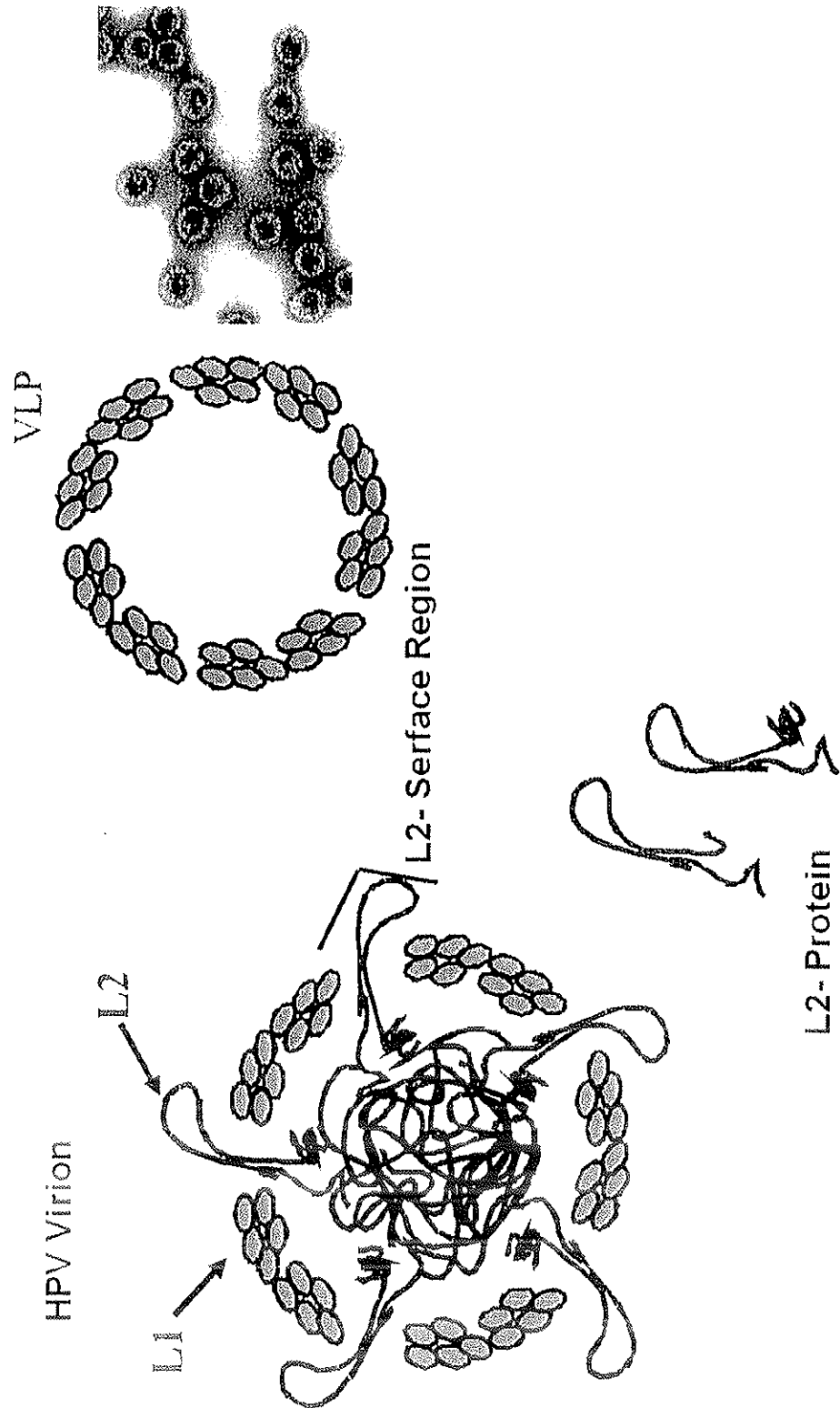
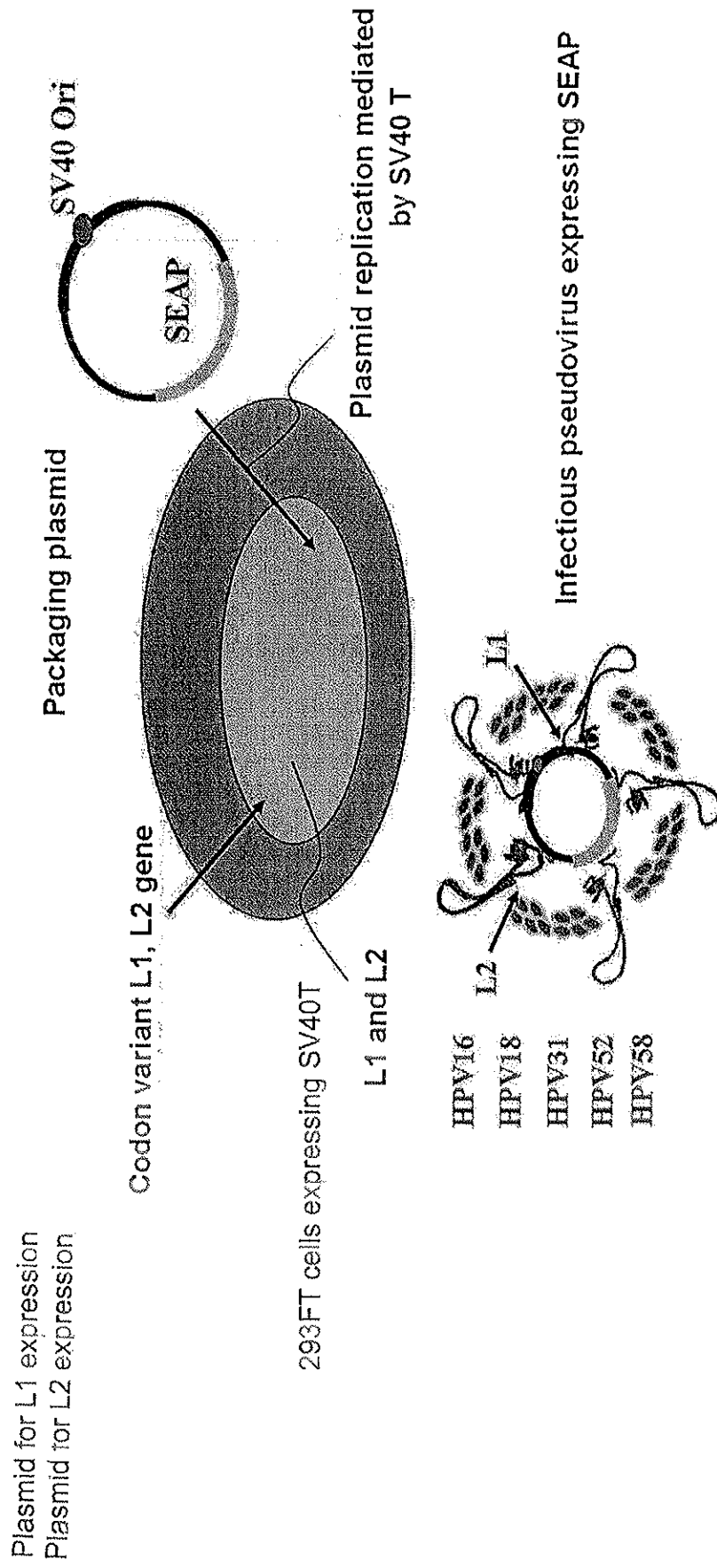


[Fig 1]

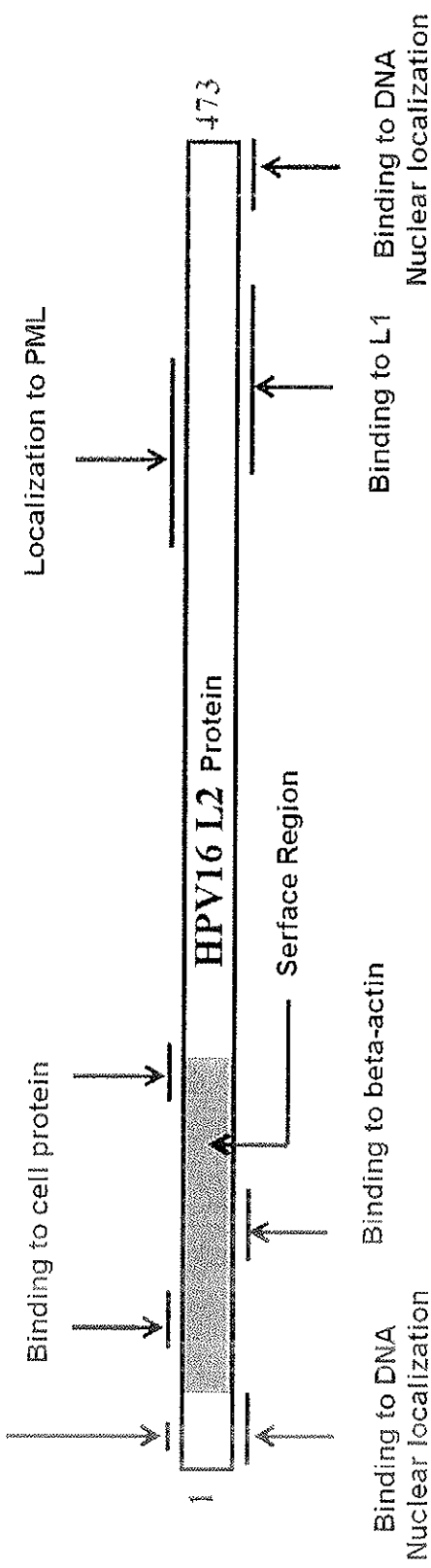
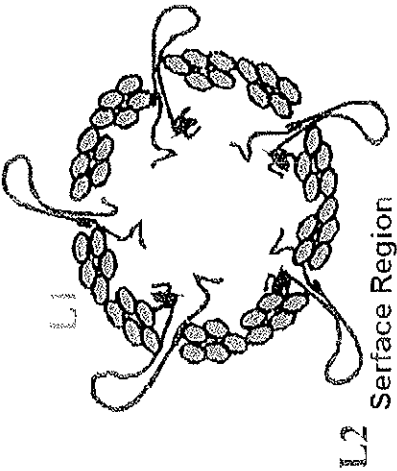




[Fig 3]



[Fig 4]



[Fig 5]

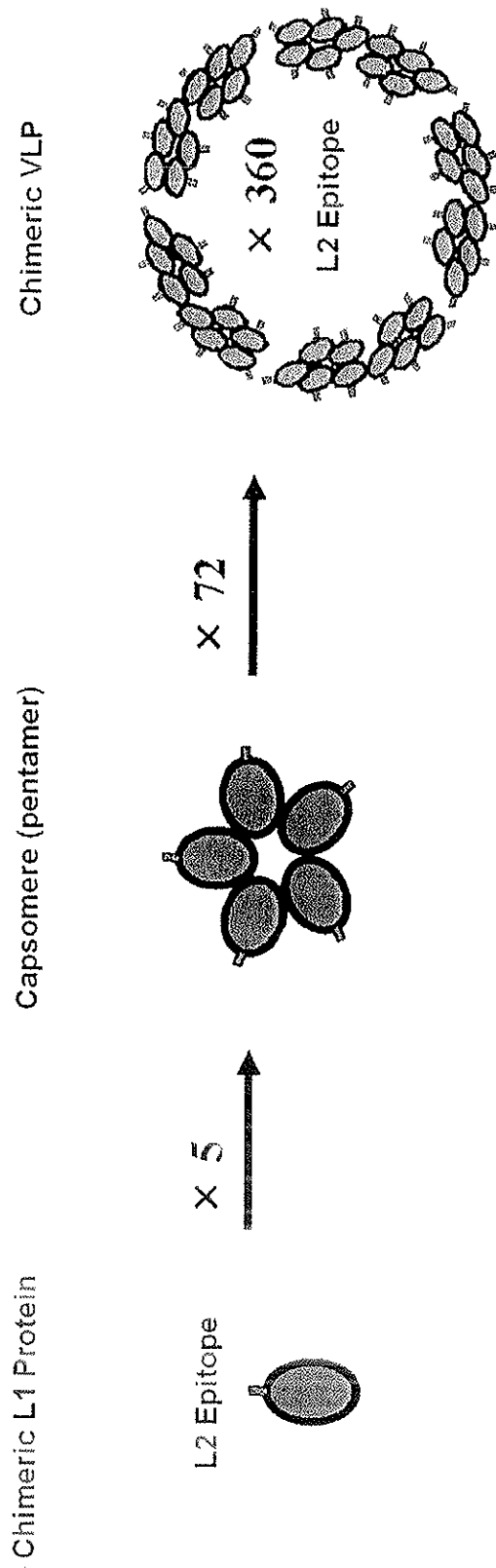
HPV16 L2 17 150 473

Surface Region

HPV16	18-LVKTCKQAGTCPCDII	PKVEG-38	56	61	96-DPVGPSDP	SIVSLVEET	SFI-115
HPV18	17-*****S*****	VV*****-37	56-GGLGIGT	SGTGRTGYI	PLGTRPPT-81	94-E*****T*****	I*DS*VV-113
HPV31	18-**Q**A*****S*V**	I#H-38	55-*****S*****	VV**S**S*-80	96-*****L*****	I**S****-114	
HPV58	17-**Q**A*****V*****	-37	55-*****S*****	ST**S*-80	95-***T***L*S*****	I*****-114	
HPV33	17-**Q**A*****V*****	-37	55-*****S*****	I**D***-80	95-***T***L*S*****	I*****-114	
HPV35	18-**R**A*****V*****	-38	56-*****S*****	S**V***T***-81	100-***T***L*S*****	Q*****DS*V*-113	
HPV39	17-**R**S*****VVD*****	-37	55-*****S*****	G**N*-80	94-E*****E*****	T***DS*V*-113	
HPV45	17-**R**S*****V*N*****	-37	55-*****S*****	G*SN*-80	94-E*****T*****	N***DS*I*-114	
HPV51	17-**S**A*****V*N*****	-37	55-*****S*****	GGGRP-80	95-***LWHT*****	MI***T***-114	
HPV52	17-**Q**A*****V*****	-37	55-*****S*****	S*****S*-80	94-ES*****T*****	T***S*V*-113	
HPV56	17-*****LS*****E*VN*I*Q-37		55-*****S*****	S*****S*-80	94-ES*****T*****	T***DS*V*-113	
HPV59	17-*****LS*****S*V*N*****	-37	55-*****S*****	G*TN*-80	94-ES*****T*****	T***S*V*-113	
HPV66	17-*****LS*****E*V*N*****	-37	55-*****S*****	S*****S*-80	94-ES*****T*****	T***S*V*-113	
HPV68	17-*****S*****V*N*****	-37	55-*****S*****	GK*N*-80	94-ES*****TE*****	Q***DS*V*-113	
HPV73	19-*****V*****-39		57-*****S*****	S**GTPS-62	98-TS*****S*****	S****-117	

P18/38 P56/75 P61/75 P96/115 P64/81

[Fig 6]



[Fig 7]

