

【附錄四】麗莎病毒 G 蛋白基因序列相似性分析

說明：

- (1) 第一型遺傳譜系麗莎病毒 (phylogroup 1) 之間的序列差異高達 30%；
- (2) RABV 狂犬病毒，其基因序列相似度介於 87%~90%，意即差異在 10%~13%之間。

Table 1
Nucleotide and amino acid identity of the lyssavirus G protein. Percentage identities are shown. Where identity is less than or equal to 60% they are shaded green. Viruses that have been tentatively classified into phylogroups are shaded accordingly.

		Amino acid (% identity)																	
		ABLV	IKOV	WCBV	LBVA	LBVD	LBVB	LBVC	SHBV	MOKV	RABV CVS	RABV RV61	DUVV	EBLV 1	IRKV	ARAV	BBLV	EBLV 2	KHUV
Nucleotide (% identity)	ABLV		48	52	58	56	58	58	60	58	73	75	71	73	72	76	76	76	77
	IKOV	52		48	50	47	47	48	49	48	47	48	46	48	48	46	47	48	47
	WCBV	55	55		53	52	54	52	53	53	50	50	50	50	51	51	52	51	51
	LBVA	59	53	56		81	80	82	78	77	57	57	57	58	59	56	57	56	57
	LBVF	59	52	58	73		79	81	77	74	55	56	57	59	58	57	57	58	57
	LBVB	59	53	57	73	73		85	79	73	57	58	56	57	59	58	56	57	57
	LBVC	58	54	58	72	74	77		80	74	56	58	57	58	59	58	57	57	57
	SHBV	60	55	58	71	71	72	72		72	59	59	58	59	58	58	59	59	57
	MOKV	57	52	57	69	71	69	67	67		58	58	57	58	58	57	57	57	57
	RABV CVS	70	53	56	58	59	58	59	60	58		90	69	70	68	73	75	73	75
	RABV RV61	71	53	54	59	59	60	60	61	59	87		71	73	69	75	77	76	78
	DUVV	67	52	58	58	60	58	58	59	59	65	65		80	75	78	78	79	77
	EBLV 1	68	53	57	60	62	59	60	62	61	66	68	73		80	84	78	80	79
	IRKV	66	53	57	59	60	60	61	60	60	66	67	70	74		78	75	76	76
	ARAV	70	53	57	58	61	60	60	61	60	70	69	70	74	70		83	85	83
	BBLV	71	54	58	58	60	60	60	60	60	70	70	71	72	70	74		87	86
	EBLV 2	71	53	57	58	61	61	61	60	60	70	71	72	74	70	76	77		88
	KHUV	73	53	57	58	60	60	59	59	60	69	70	71	72	75	75	76	79	

J.S. Evans et al. / Vaccine 30 (2012) 7447–7454