

Supplemental table 1. List of transgenic rice plants for generation iteration, viral resistance assays and field trait evaluation.

Vector	Cultivar	Line no.	T1		T2		T3		ELISA (T1)	Field test (T3, T4)
			IR(%)	DR	IR(%)	DR	IR	DR		
WT	IP		100	S	100	S	100	S	O	O
Empty vector	IP	2_8_1	65	S	65	S			O	
		2_8_2			65	S				
		2_8_3			65	S				
		2_8_4			65	S				
RNAi-RSV-CP-full	IP	1_1	0	R					O	
		1_2_1	15	R	15	R			O	
		1_3_1	0	R	0	R			O	
		1_4_1	0	R	0	R			O	
		2_1_1	0	R	0	R			O	
		2_2_1_3	0	R	0	R	0	R	O	
		2_2_5			0	R				
		2_2_8			0	R				
		2_3_3_2_1	0	R	0	R	0	R	O	O
		2_4_2_1	0	R	0	R	0	R	O	
		3_1	0	R					O	
		4_1_3	10	R	10	R			O	
		4_2	0	R					O	
		4_3	0	R					O	
		5_1	0	R					O	
		5_2	0	R					O	
		5_3	30	R					O	
		6_1	0	R					O	
		6_2	0	R					O	
		6_3	25	R					O	
9_1_4_1	0	R	0	R	0	R				
9_1_4_3_1					0	R			O	
9_2_1_3	0	R	0	R	0	R				
AS-RSV-CP-full	IP	2_6	100	S					O	
		3_1	80	S					O	
		3_2_1_1	60	S	85	S	100	S	O	
		3_2_2_2_1			70	S	100	S		O
		3_2_3			80	S				
		3_7	100	S					O	
		3_8	60	S					O	
		7_2	60	S					O	
		7_3	60	S					O	
		9_2	50	S					O	
		11_1	65	S					O	
		11_3_1	80	S	80	S			O	
		11_3_2			90	S				
		11_3_3			80	S				
11_3_4			75	S						
14_3_1	50	S	80	S			O			
WT	DS		65	S	65	S	100	S		O
		4-1_1_1	0	R	0	R	85	S		
		4-1_2			0	R				
		4-1_3			0	R				
		5-1	40	S						
		5-2_4_1_1	0	R	0	R	0	R		O
		6-1	40	S						

RNAi-RSV-CP-full DS

6-2	40	S						
7-1	40	S						
9-1_1_2_1	0	R	0	R	0	R		O
9-1_2			0	R				
9-1_3			0	R				
9-1_4			0	R				
9-2_1	45	S	20	R				
10-2_3_2	10	R	10	R	0	R		
11-1	45	S						
12-1	50	S						
12-2_1_1	5	R	5	R	0	R		
12-2_2			5	R				
13-1	20	R						
13-2	45	S						
14-1	40	S						
14-2_1_2	10	R	10	R	0	R		
14-2_2_1_1			0	R	0	R		O
15-1	45	S						