

Table 1 Distribution of the tested landraces containing *Pil* gene in each county of Yunnan Province

Rice-growing region	Frequency of <i>Pil</i>			Origin	Number of rice	Number of rice with <i>Pil</i>	Frequency (%)				
	Number	Number of rice with <i>Pil</i>	Frequency (%)								
Paddy-upland rice region in South marginal of Yunnan	78	32	41.03	Luchun	1	1	100.00				
				Jinping	1	0	0.00				
				Jiangcheng	12	5	41.67				
				Jinghong	10	5	50.00				
				Menghai	16	6	37.50				
				Lancang	1	1	100.00				
				Menglian	7	3	42.86				
				Ximeng	1	0	0.00				
				Cangyuan	2	2	100.00				
				Gengma	5	3	60.00				
				Lianghe	6	0	0.00				
				Luxi	4	2	50.00				
				Ruili	4	1	25.00				
				Longchuan	2	1	50.00				
Single and or double indica cropping region in south of Yunnan	52	17	32.69	Yingjiang	6	2	33.33				
				Zhenkang	1	0	0.00				
				Shangjiang	1	0	0.00				
				Mojiang	24	5	20.83				
				Pingbian	4	4	100.00				
				Yuanyang	1	0	0.00				
				Guangnan	4	0	0.00				
				Xinping	7	3	42.87				
				Yongde	5	3	60.00				
				Yunxian	4	1	25.00				
				Fengqing	1	1	100.00				
				Single indica and or japonica cropping region in center of Yunnan	17	6	35.29	Yimen	1	1	100.00
								Jiangchuan	1	0	0.00
								Eshan	1	0	0.00
Baoshan	5	2	40.00								
Tengchong	6	3	50.00								
Changning	1	0	0.00								
Dali	1	0	0.00								
Japonica cropping region in northeast of Yunnan	17	6	35.29	Yangbi	1	0	0.00				
				Huize	1	1	100.00				
				Daguan	4	1	25.00				
				Weixin	4	2	50.00				
				Yiliang	2	1	50.00				
				Zhenxiong	2	1	50.00				
				Yanjin	4	0	0.00				
Japonica cropping region in northwest highland of Yunnan	9	3	33.33	Lanping	1	1	100.00				
				Fugong	3	1	33.33				
				Gongshan	1	0	0.00				
				Weixi	1	0	0.00				
				Weixi	1	1	100.00				
				Huaping	1	0	0.00				
Ninglang	1	0	0.00								