

26 **Table S2 Leaf and flower color in different periods of *Paeonia qiui***

Target measurement	Period	Color
Leaf surface	LS1	RED GROUP 51 Deep pink C
	LS2	RED GROUP 50 Deep Pink B
	LS3	RED GROUP 47 Strong Red B
	LS4	RED GROUP 51 Strong Red A
	LS5	RED-GROUP 58 Moderate Purplish Red A
	LS6	GREYED-PURPLE GROUP 186 Moderate Purplish Red A
	LS7	GREYED-ORANGE GROUP 173 Dark Reddish Orange A
	LS8	GREEN GROUP 140 Brilliant Yellowish Green B
Flower petal	FS1	RED-PURPLE GROUP 69 Very pale Purple C
	FS2	RED-PURPLE GROUP N74 Deep Purplish Pink C
	FS3	RED-PURPLE GROUP 68 Strong Purplish Pink B
	FS4	RED-PURPLE GROUP N74 Moderate Purplish Pink D
	FS5	WHITE GROUP NN155 White C