

Table S7. The petals color and genetic background of nine rapeseed cultivars

Rapeseed cultivars	Petals color	Genetic background
‘White line’	White	‘ <i>Brassica napus</i> L. ZS-1’ × ‘ <i>Brassica napus</i> L. 11-231’
‘Yellow line’	Yellow	‘ <i>Brassica napus</i> L. Z11’ × ‘ <i>Brassica napus</i> L. Y4’
‘Pink line’	Pink	‘ <i>Brassica napus</i> L. FD-1’ × ‘ <i>Brassica napus</i> L. 22-231’
‘Hanzi No.1 line’	Light Purple	‘ <i>Brassica napus</i> L. 08-H16’ × ‘ <i>Raphanus sativus</i> L. ZH-1’
‘Ziluolan line’	Purple	‘ <i>Brassica napus</i> L. 08-H16’ × ‘ <i>Raphanus sativus</i> L. ZH-3’
‘Dark purple line’	Dark Purple	‘ <i>Brassica napus</i> L. 08-H16’ × ‘ <i>Raphanus sativus</i> L. ZH-3’
‘Wine red line’	Wine Red	‘ <i>Brassica napus</i> L. 08-H16’ × ‘ <i>Raphanus sativus</i> L. ZH-3’
‘Watermelon Red line’	Watermelon Red	‘ <i>Brassica napus</i> L. QY211R’ × ‘ <i>Brassica napus</i> L.16-002’
‘Dark Red line’	Dark Red	‘ <i>Brassica napus</i> L. QY211R’ × ‘ <i>Brassica napus</i> L.16-002’

Note: All the rapeseed lines were selected by hybrid breeding.