

粉红番茄	SIMYB12(已报道与颜色有关)	CRISPR	152种差异代谢产物(example 2个代谢物的mGWAS相关基因为多胺合成的相关基因) 差异基因869个其中49个eQTL分析出的69个SIMYB12关联基因重合  56种相关代谢产物  全部包含
	S. peruvianum的Tm-2a		91种红色BIG 共122种差异代谢产物 1性基因)
Wild Introgressions	含有Tm-2a的近交系和易感品系》 后代纯合抗性(R)		体(big)
	346个代谢物在S和R池之间	可显着( <b>p &lt;0.05</b> )i	改变
	比较PIM(n = 31)和没有Tm-2a基因	]渗入的BIG(n = 2	276)的代谢物谱
	589种在驯化过程中发生显着	变化的代谢物( <b>p &lt; l</b>	0.05)
	52 metabolites that were increased in the R pool and were decreased from PIM to BIG		the R pool and ed from PIM to

Analyst Software	AB Sciex	https://sciex.com/
Cytoscape	Shannon et al., 2003	http://www.cytoscape.org/
MultiQuant Software	AB Sciex	https://sciex.com/
SOAP2	Li et al., 2009c	http://soap.genomics.org.cn
SOAPsnp	Li et al., 2009b	http://soap.genomics.org.cn
BWA	Li and Durbin, 2009	http://bio-bwa.sourceforge.net
Samtools	Li et al., 2009a	http://samtools.sourceforge.net
PHYLIP (version 3.695)	Retief, 2000	http://evolution.genetics.washington.edu/ phylip.html
SIMCA-P	Umetrics	https://umetrics.com/downloads/simca-q
hisat2	Kim et al., 2015	https://github.com/infphilo/hisat2
FaST-LMM	Lippert et al., 2011	https://github.com/MicrosoftGenomics/FaST-LMM
GEC	Li et al., 2012	http://grass.cgs.hku.hk/gec/download.php
Haploview	Barrett et al., 2005	https://www.broadinstitute.org/haploview/haploview
RNA-QcSe	DeLuca et al., 2012	http://archive.broadinstitute.org/cancer/cga
WGACNA	Langfelder and Horvath, 2008	https://labs.genetics.ucla.edu/horvath/htdocs/ CoexpressionNetwork/Rpackages/WGCNA
Matrix eQTL	Shabalin, 2012	http://bios.unc.edu/research/genomic_ software/Matrix_eQTL
PEER	Stegle et al., 2012	https://github.com/PMBio/peer