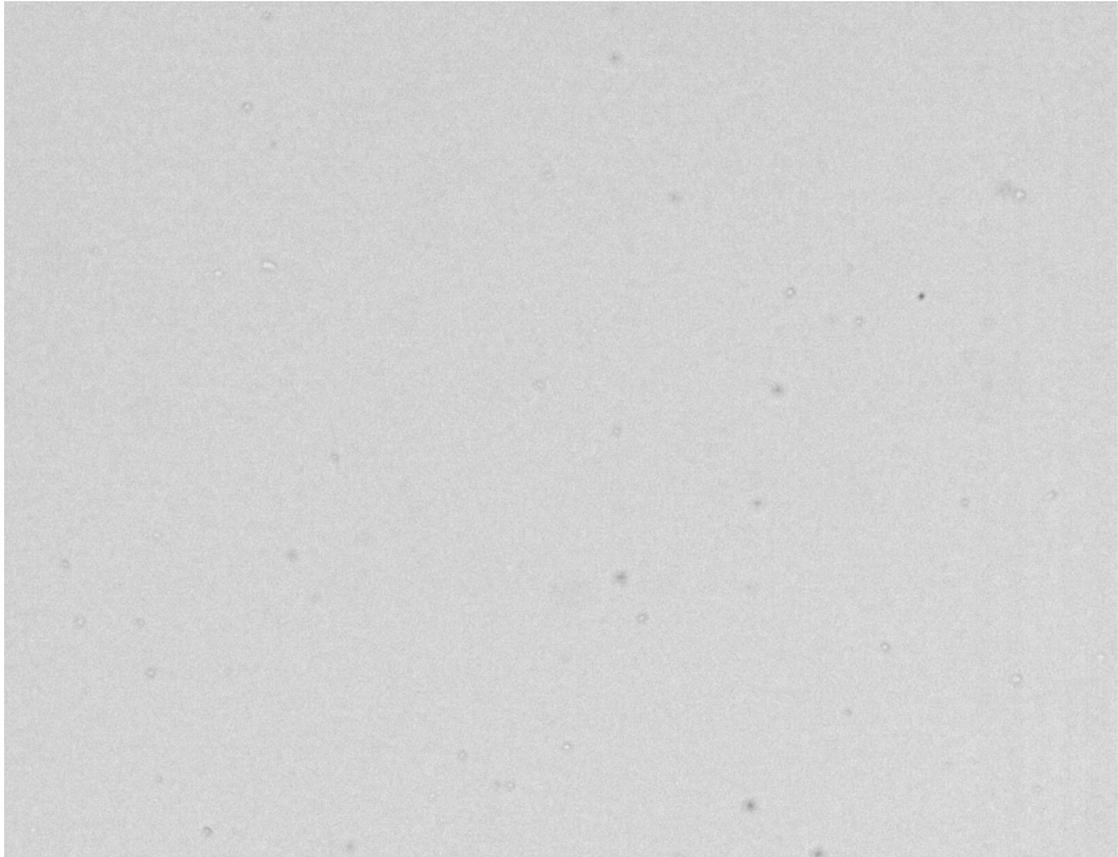


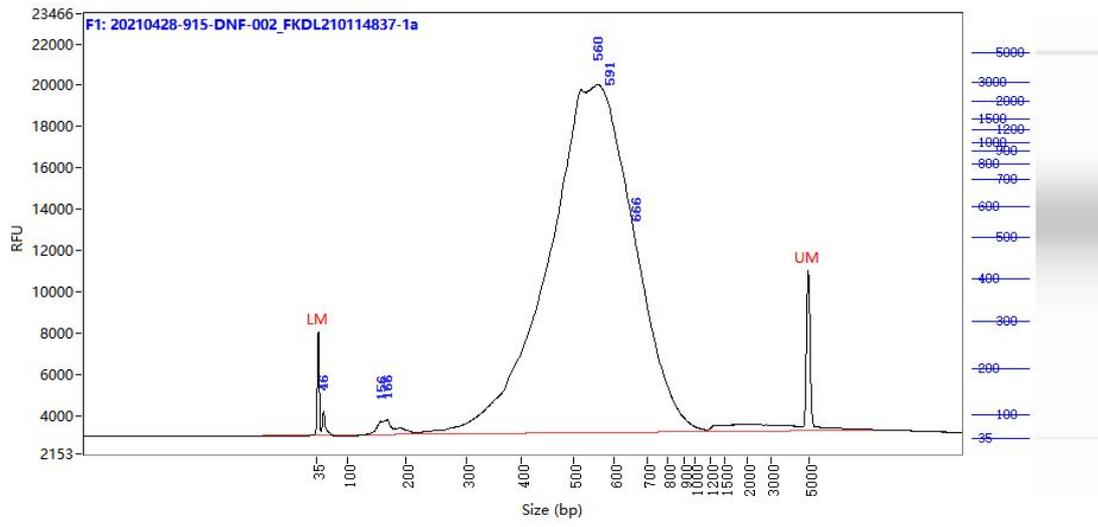
**Supplementary Table S1.** The list of Actin gene primers from maize, rice, tomato, soybean, banana, grape, litchi, citrus, and apple

	<b>ID</b>	<b>Primer</b>
Maize	J01238.1	TCCACCATCTCTGACAGCCTTGA CAGCCTTCACCATTCCAGTTCCAT
Rice	AK058421	GCCTTGACCATAACCAGTTCCATT CCACCACCTCCACCTCCT
Tomato	AB199316.1	GGAATGGGACAGAAGGATGCGTAT GGTGCCTCAGTCAGGAGAACAG
Arabidopsis	NM_112764	CCGCTCTGCTGTTGTGGTGAA ATTGTGCTGGATTCTGGTGATGGT
Soybean	Glyma 18g52780	ATCTTGACTGAGCGTGGTTATTC GCTGGTCCTGGCTGTCTC
Banana	AF285176.1	AGCGAAGCAAGGATGGAGCC GCAACATCGTTCTCAGTGGTGGTA
Grape	AF369524.1	ACCACTACTGCTGAACGGGAAAT GGACTTCTGGACAACGGAATCTCT
Litchi	HQ615689.1	ACCGTATGAGCAAGGAAATCACTG TCGTCTACTCACCTTTGAAATC
Citrus	XM_006464503.2	CCAAGCAGCATGAAGATCAA ATCTGCTGGAAGGTGCTGAG
Apple	XM_008393049.3	GGATTTGCTGGTGATGATGCT AGTTGCTCACTATGCCGTGCT

**Supplementary Figure S1.** Sorted nuclei observed under BD Rhapsody™ Scanner on brightfield.



Supplementary Figure S2. Library peak diagram and gel image



**Supplementary Figure S3.** t-SNE plot of the litchi bud showing 16 cell clusters Each dot represents a single cell, and the colors portray corresponding cell clusters.

