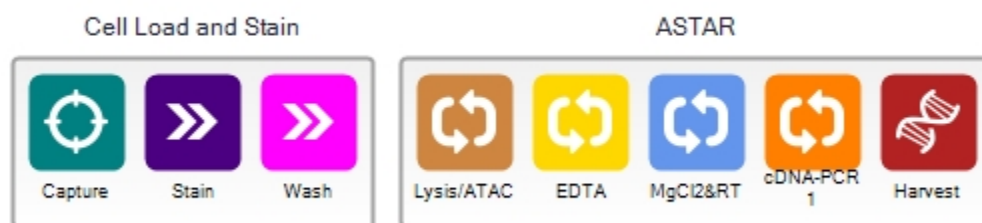
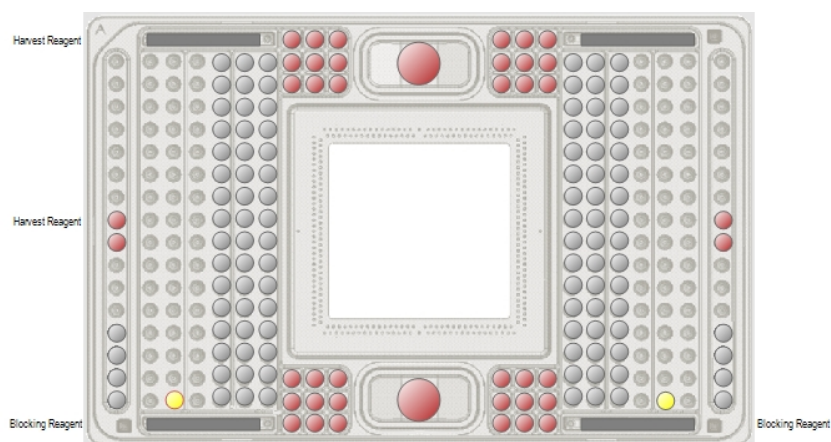


Name ASTAR
Version 1
Description Chromatin accessibility and transcriptome



Prime



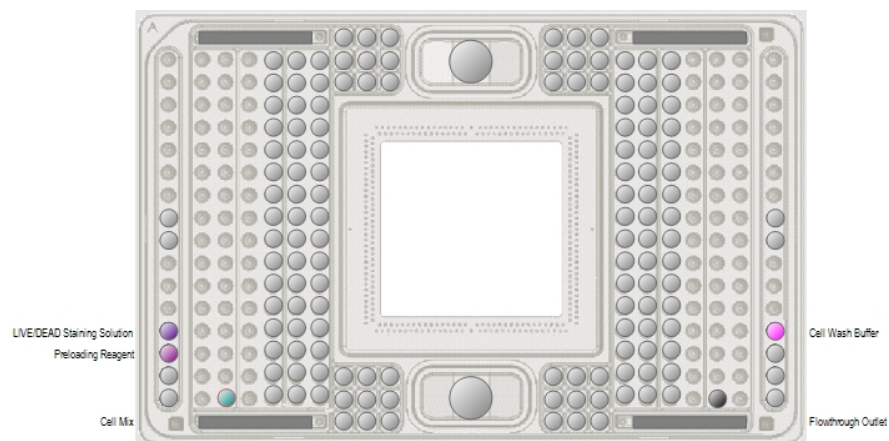
Script Run Time

Barcode	Estimate
1861x (5-10 um diameter cells)	0 hours, 11 minutes
1862x (10-17 um diameter cells)	0 hours, 12 minutes
1863x (17-25 um diameter cells)	0 hours, 12 minutes

Reagent Loading

Name	Volume	Chip Inlet	Notes
● Harvest Reagent	200 µl	A1	
● Harvest Reagent	200 µl	A2	
● Blocking Reagent	15 µl	C1	
● Blocking Reagent	15 µl	C2	
● Harvest Reagent	20 µl	P1	
● Harvest Reagent	20 µl	P2	

Cell Load and Stain





Script Run Time

Barcode	Estimate
1861x (5-10 um diameter cells)	0 hours, 31 minutes
1862x (10-17 um diameter cells)	0 hours, 55 minutes
1863x (17-25 um diameter cells)	0 hours, 51 minutes

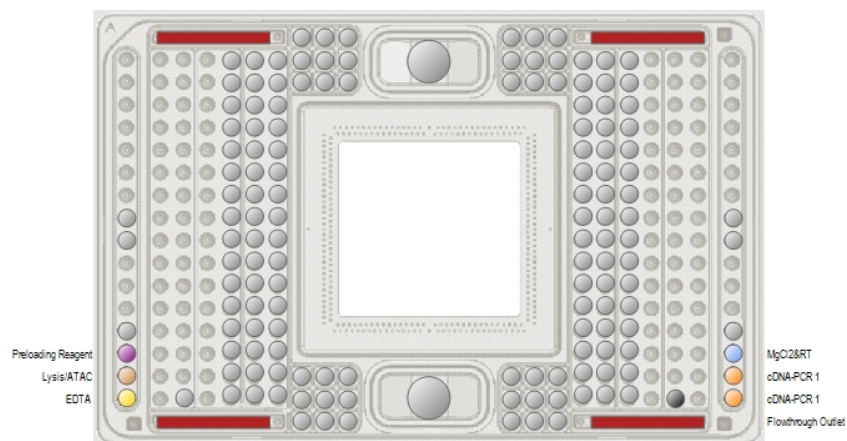
Inlet Reuse

Name	Chip Inlet	Instructions
● Cell Mix	C1	Aspirate inlet prior to loading reagents
● Flowthrough Outlet	C2	Aspirate inlet prior to loading reagents (1862x, 1863x only)

Reagent Loading

Name	Volume	Chip Inlet	Notes
● LIVE/DEAD Staining Solution	7 µl	1	
● Preloading Reagent	 20 µl	2	
● Cell Wash Buffer	7 µl	5	
● Cell Mix	 5 µl	C1	

ASTAR



Script Run Time

Barcode	Estimate
1861x (5-10 um diameter cells)	6 hours, 40 minutes
1862x (10-17 um diameter cells)	6 hours, 40 minutes
1863x (17-25 um diameter cells)	6 hours, 40 minutes

Inlet Reuse

Name	Chip Inlet	Instructions
● Preloading Reagent	2	Aspirate inlet prior to loading reagents
● Flowthrough Outlet	C2	Aspirate inlet prior to loading reagents (1862x, 1863x only)

Reagent Loading

Name	Volume	Chip Inlet	Notes
● Preloading Reagent	20 µl	2	
● Lysis/ATAC	7 µl	3	
● EDTA	7 µl	4	
● MgCl2&RT	7 µl	6	
● cDNA-PCR 1	24 µl	7	
● cDNA-PCR 1	24 µl	8	
● Harvest Reagent	180 µl each	Harvest Inlets	