CellRanger Stage

BC	Time	CPUs-per-task	Memory
BC3	36:00:00	32	128G
BC9	36:00:00	32	128G
BC13	36:00:00	16	64G
BC14	36:00:00	16	64G
BC15	36:00:00	16	64G
BC28	24:00:00	16	128G

Not 100% sure for BC28

CellBender Stage

BC	Time	CPUs-per-task	Memory	gres	ntasks
BC3	04:00:00	4	128G	gpu:1	1
BC9	04:00:00	4	128G	gpu:1	1
BC13	03:00:00	4	128G	gpu:1	1
BC14	02:30:00	4	64G	gpu:1	1
BC15	01:00:00	4	64G	gpu:1	1
BC28	02:30:00	4	64G	gpu:1	1

CurioTrekker Stage (w/ Bender)

BC	Time	CPUs-per-task	Memory	ntasks	nodes
BC3	06:30:00	16	220G	1	1
BC9	06:30:00	16	180G	1	1
BC13	15:30:00	16	150G	1	1
BC14	06:30:00	16	180G	1	1
BC15	06:30:00	16	180G	1	1
BC28	05:30:00	16	220G	1	1

CurioTrekker Stage (wo/ Bender)

BC	Time	CPUs-per-task	Memory	ntasks	nodes
BC3	06:30:00	16	180G	1	1
BC9	06:30:00	16	180G	1	1
BC13	15:30:00	16	150G	1	1
BC14	06:30:00	16	180G	1	1
BC15	06:30:00	16	180G	1	1
BC28	06:30:00	16	200G	1	1

Breakdown

CellRanger Stage

BC3

Time: 36:00:00
Cpus-per-task: 32
Memory: 128G

BC9

Time: 36:00:00
Cpus-per-task: 32
Memory: 128G

BC13

Time: 36:00:00
Cpus-per-task: 16
Memory: 64G

BC14

Time: 36:00:00
Cpus-per-task: 16
Memory: 64G

BC15

Time: 36:00:00
Cpus-per-task: 16
Memory: 64G

BC28

CellBender Stage

BC3

Time: 04:00:00
Cpus-per-task: 4
Memory: 128G
gres=gpu:1
ntasks=1

BC9

Time: 04:00:00
Cpus-per-task: 4
Memory: 128G
gres=gpu:1
ntasks=1

BC13

Time: 03:00:00
Cpus-per-task: 4
Memory: 128G
gres=gpu:1
ntasks=1

BC14

Time: 02:30:00
Cpus-per-task: 4
Memory: 64G
gres=gpu:1
ntasks=1

BC15

Time: 01:00:00
Cpus-per-task: 4
Memory: 64G
gres=gpu:1
ntasks=1

BC28

Time: 02:30:00
Cpus-per-task: 4
Memory: 64G
gres=gpu:1
ntasks=1

CurioTrekker Stage (w/Bender)

BC3

Time: 06:30:00
Cpus-per-task: 16
Memory: 220G
ntasks=1
nodes=1

BC9

Time: 06:30:00
Cpus-per-task: 16
Memory: 180G
ntasks=1
nodes=1

BC13

Time: 15:30:00
Cpus-per-task: 16
Memory: 150G
ntasks=1
nodes=1

BC14

Time: 06:30:00
Cpus-per-task: 16
Memory: 180G
ntasks=1
nodes=1

BC15

Time: 06:30:00
Cpus-per-task: 16
Memory: 180G
ntasks=1
nodes=1

BC28

Time: 05:30:00
Cpus-per-task: 16
Memory: 220G
ntasks=1
nodes=1

CurioTrekker Stage (wo/Bender)

BC3

Time: 06:30:00
Cpus-per-task: 16
Memory: 180G
ntasks=1
nodes=1

BC9

Time: 06:30:00
Cpus-per-task: 16
Memory: 180G
ntasks=1
nodes=1

BC13

Time: 15:30:00
Cpus-per-task: 16
Memory: 150G
ntasks=1
nodes=1

BC14

Time: 06:30:00
Cpus-per-task: 16
Memory: 180G
ntasks=1
nodes=1

BC15

Time: 06:30:00
Cpus-per-task: 16
Memory: 180G
ntasks=1
nodes=1

BC28

Time: 06:30:00
Cpus-per-task: 16
Memory: 200G
ntasks=1
nodes=1