

Word **“Gene”**

Cell IDs
(no repeats allowed)

Gene symbols
(no repeats allowed)

Gene	Cell001	Cell002	Cell003	Cell004	Cell005	...
MALAT1	137020	11920	86897	62316	130357	...
SPP1	28649	1470	7378	9716	25698	...
GAPDH	22938	6858	8143	7944	7494	...
B2M	17141	6250	10830	6845	9790	...
FTL	15162	11615	50678	11626	7439	...
...

Expression Table (***.csv**)

Numbers of reads
(required to be **integers**)

Metadata Table (***.csv**)

Word **“ID”**

Metadata fields
(optional)

Cell IDs
(should include all of those in the expression table)

ID	Cell Type	Mapped Reads	Batch	...
Cell001	Type A	3171465	1	...
Cell002	Type A	5010061	2	...
Cell003	Type B	3183772	1	...
Cell004	Type B	3978527	1	...
Cell005	Type B	5061971	2	...
...