Number of cells Number of genes < 100 100 - 500 500 - 1.000 1,000 - 5,000 > 5,000 < 1,000 20 x 20 25 x 25 30 x 30 35 x 35 40 x 40 1.000 - 10.000 30 x 30 35 x 35 40 x 40 45 x 45 50 x 50 15 7 15 10 000 50 000 10 4 10  $FO \times FO$ 

Size recommendation

(Intel Core i7) Number of genes

1.000 - 10.000

10,000 - 50,000

< 1,000

Number of cells

< 100

~ 1 h

< 1 min

~ 10 min

10,000 - 30,000	40 X 40	43 X 43	20 X 20	22 X 22	00 X 00
Approx. runtime					

500 - 1.000

~ 10 min

~ 2 h

~ 1 d

1,000 - 5,000

~ 1 h

~ 1 d

~ 10 d

> 5,000

> 1 h

> 1 d

> 10 d

10,000 - 50,000	40 X 40	45 X 45	50 X 50	55 X 55	60 X 60
Approx. runtime					

100 - 500

~ 5 min

~ 1 h

~ 10 h