**Query** (gene name\_design ID): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Overview**

**Initials**

***Preparations (To do one day in advance!)***

Date:

Plates for upcoming screen thawing in cold room (4°C)

***Cell Seeding***

Date:

Seeding completed and plates in incubator

***Fixation***

Date:

Set fixed (assay and control plates)

***Staining***

Date: \_\_\_\_\_\_\_\_

Set stained (assay and control plates)

***Imaging***

Date: \_\_\_\_\_\_\_\_

Run started

Set imaged and at 4°C (assay and control plates)

***Analysis***

Date: \_\_\_\_\_\_\_\_

Raw data analysis completed

***Data Storage***

Date: \_\_\_\_\_\_\_\_

Images copied to hard-drive

**Cell Seeding** Performed according to *SOP Cell Seeding* version 01

***Lot Numbers:***

* Medium (Express V serum-free cell culture medium, Gibco 10486-025)
* GlutaMax (100x) (Gibco 35035-038)
* Multi-Drop Casette ID

***Dmel-2 Cells:***

Passage #:

*Cellometer*

Total number of cells: Mio cells/mL

Number of live cells: Mio cells/mL

Number of dead cells: Mio cells/mL

Viability: %

*Calculation*

ml cell suspension

ml Express V medium

500 ml total volume

***Remarks:***

**Fixation** Performed according to SOP *Fix&Stain\_Cybiwell\_V04*

* Prepared 700 ml Fix-perm solution ☐
* Prepared 6L 1 x PBS ☐

***Remarks:***

**Staining** Performed according to SOP *Fix&Stain\_Cybiwell\_V04*

* Prepared 700 ml Blocking Solution ☐

300 ml Dye Solution ☐

6l 1x PBS (Cybiwell) or 18l 1x PBS (Biomek) ☐

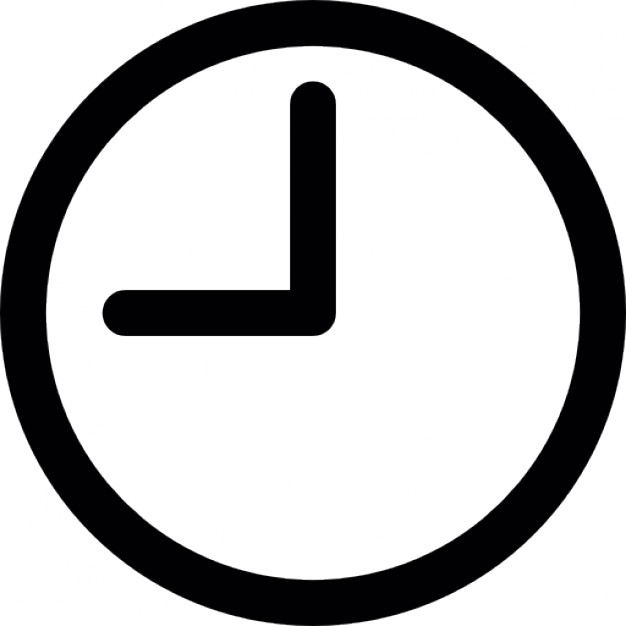
* On workstation: Cybiwell vario ☐ Biomek FX (Jerry) ☐

***Remarks:***

**Imaging** Performed according to *SOP Imaging\_Analysis\_DataStorage*\_V02

* Folder located in ☐ share

☐ share2



Starting time:

**Raw Data Analysis**

* QC-report generated ☐
* Results saved to database ☐

***Remarks:***

**Data Storage** Performed according to *SOP Imaging\_Analysis\_DataStorage*\_V02

* Folder copied to hard-drive (name):
* Hard-drive location:

***Remarks:***