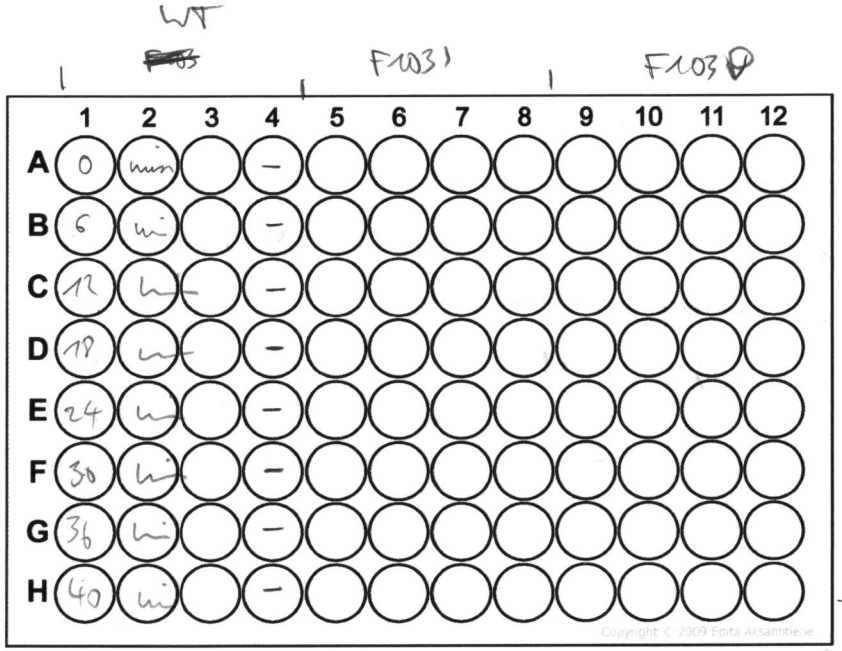

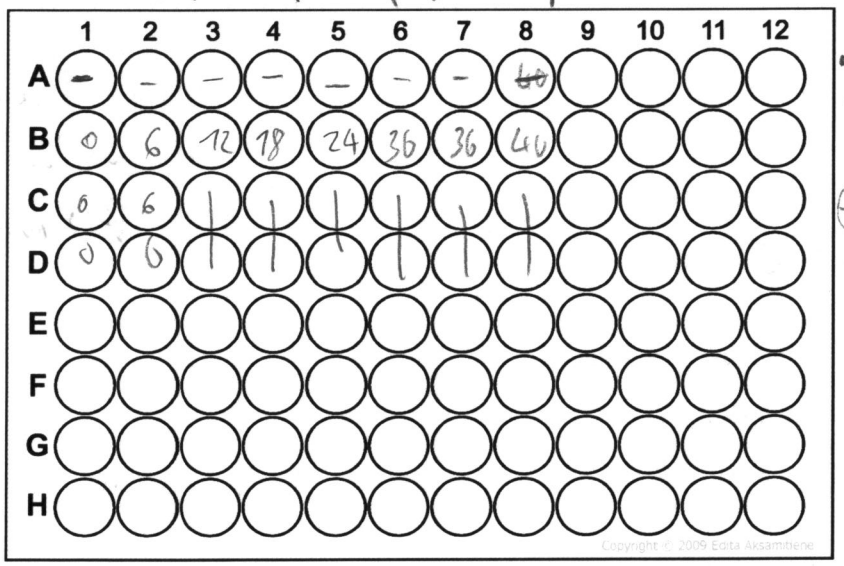

35 x 80 = 2,8 µl

3,8 mM STM

- 736 µl STM (3,8 mM) [5 mM @ 76 %]
- 280 µl KA
- 70 µl Gen
- 280 µl Puffer
- (350 µl PFOMT)
- 1,084 µl H_2O

640 µg PFOMT

140 µl

Reaktion:

8 µl Kaffeesäure (10 mM in 20% DMSO)
2 µl Glutathion (0,1 M)
8 µl 10x Puffer (1 M TRIS, 10 mM $MgCl_2$, pH 7,5)
20 µg PFOMT (10 µl)
1 mM STM / SAE
52 µl H_2O

1,120 ml Kaffeesäure
280 µl Glutathion
1,120 ml 10x Puffer

100x
800 µl CA
200 µl Glut
800 µl Puffer

	mg/ml	70 µg
F103I	2,8	1:1,4
F103P	2,63	1:1,34
F103V	2,9	1:1,45
F103W	2,77	1,355

→ auf 2 µg/µl einstellen → 10 µl

WT Gluth.

70 mM/ml

F103I	~~13~~ 357 µl	+ 143
F103P	373 µl	127
F103V	344 µl	156
F103W	369 µl	131

280 µl Kaffeesäure
70 µl Glutathion
280 µl 10x Puffer
756 µl STM (5 mM @ 76 %)
1084 µl H_2O

Co je 70 µl / well
mit 10 µl Enzym starten
(2 U/µl)

80
20
80
~~240~~ ~~160~~ 210
~~280~~ 280 µl H_2O

1,4 ml $FeCl_3$
- 210 µl $FeCl_3$ (10 mM)
14 µl Tritan (100 mM)
1176 µl H_2O

2 80 µl

1 ml
---
150 µl FeCl
10 µl Tris
840 µl H_2O

50 µl Assay

+ 20 µl TCA-Lsg (10% TCA; 50% MeCN)
(OMT-Stopp)

vtx, eff, 10 min Eis

→ 10 min, cff 4°C, 14000 × g

↓ Überstände → HPLC

C18: A) MeCN / H_3PO_4 (0,5%)
~~10%~~ B) MeCN + 0,2% HCOOH / H_2O + 0,2% FA

2% ⟶ 100%

~~10% TCA-Lsg (100 in H_2O)~~
2 × 100 µl EtOAc extrahieren
Überstände sammeln,
im Speedvac, in 100 µl MeCN
[illegible]