Experiment Summary
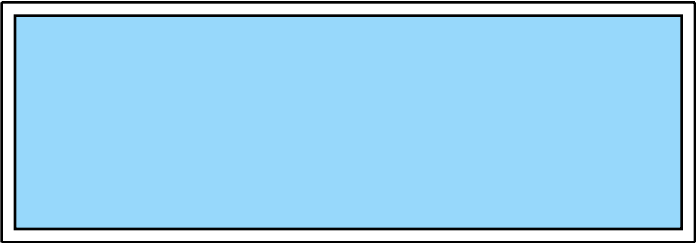
Total Plates Used: 5
Number of Reactions: 125
Reagents Used:

    MasterMix: 750.0µl

Reservoir

■ REAGENT

Plate Contents

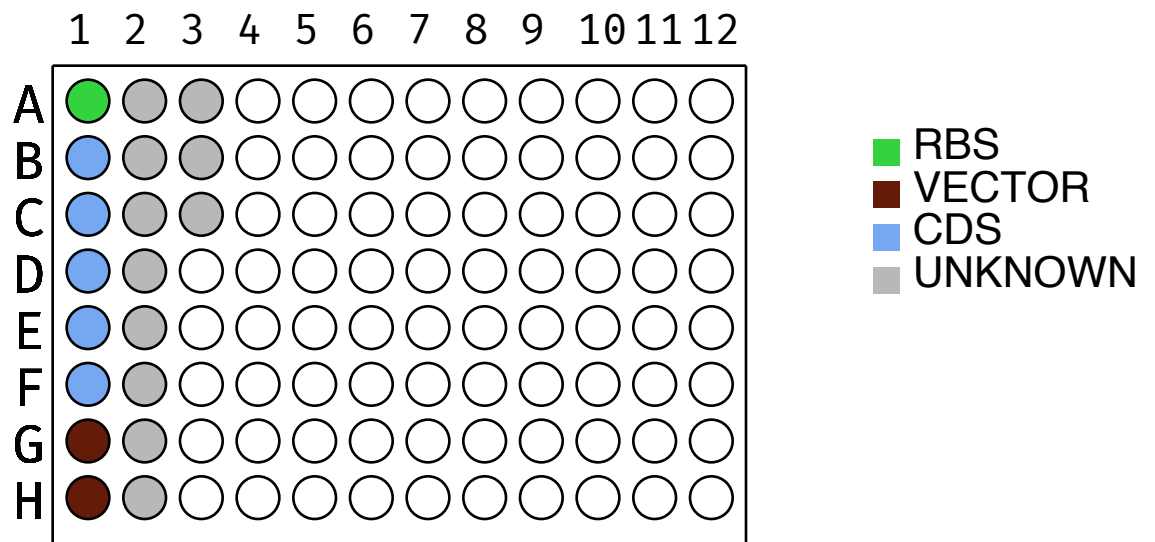water 1691.0µl

SetupPlate1

Plate Contents

```
A1- B0034m_BC 50.0µl
B1- C0012m_CD 50.0µl
C1- C0040_CD 50.0µl
D1- C0062_CD 50.0µl
E1- C0080_CD 50.0µl
F1- cre_CD 50.0µl
G1- DVK_AF 200.0µl
H1- DVK_AF 50.0µl
A2- B0015_DF 200.0µl
B2- B0015_DF 50.0µl
C2- B0032m_BC 50.0µl
D2- B0033m_BC 50.0µl
E2- BCD2_BC 50.0µl
F2- BCD8_BC 50.0µl
G2- J23100_AB 50.0µl
H2- J23102_AB 50.0µl
A3- J23103_AB 50.0µl
B3- J23106_AB 50.0µl
C3- J23107_AB 50.0µl
```
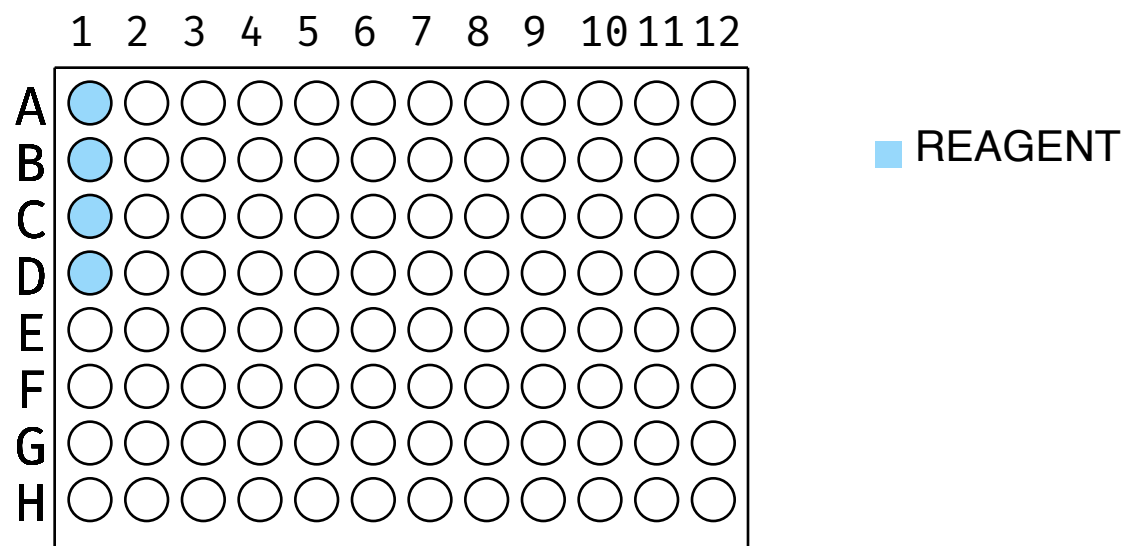
ReagentPlate1

■ REAGENT

Plate Contents

A1- MasterMix 198.0µl
B1- MasterMix 198.0µl
C1- MasterMix 198.0µl
D1- MasterMix 156.0µl
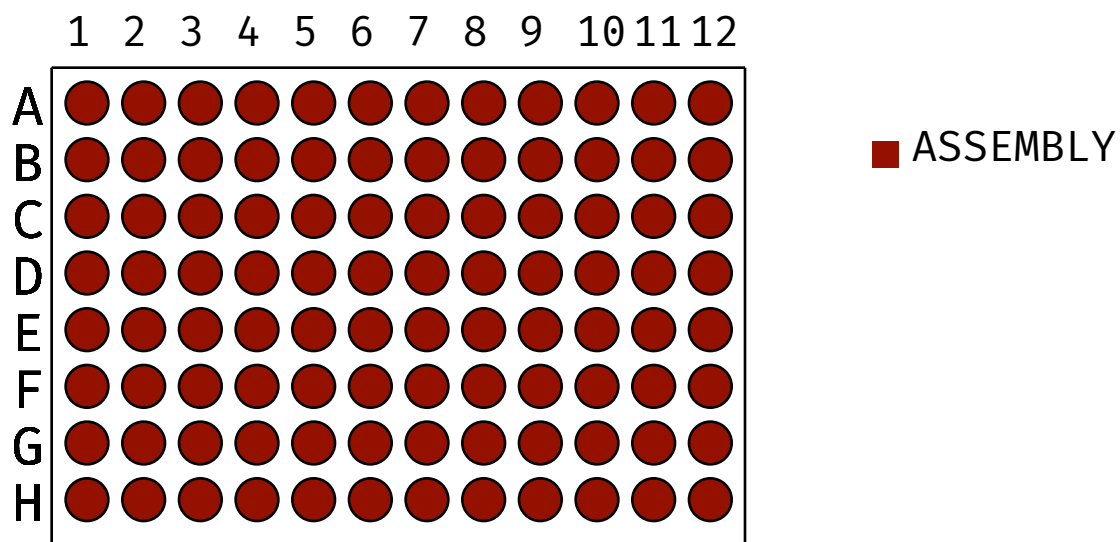
Output1

■ ASSEMBLY

Plate Contents

```
A1- DVK_AF|J23100_AB|B0032m_BC|C0012m_CD|B0015_DF
B1- DVK_AF|J23100_AB|B0032m_BC|C0040_CD|B0015_DF
C1- DVK_AF|J23100_AB|B0032m_BC|C0062_CD|B0015_DF
D1- DVK_AF|J23100_AB|B0032m_BC|C0080_CD|B0015_DF
E1- DVK_AF|J23100_AB|B0032m_BC|cre_CD|B0015_DF
F1- DVK_AF|J23100_AB|B0033m_BC|C0012m_CD|B0015_DF
G1- DVK_AF|J23100_AB|B0033m_BC|C0040_CD|B0015_DF
H1- DVK_AF|J23100_AB|B0033m_BC|C0062_CD|B0015_DF
A2- DVK_AF|J23100_AB|B0033m_BC|C0080_CD|B0015_DF
B2- DVK_AF|J23100_AB|B0033m_BC|cre_CD|B0015_DF
C2- DVK_AF|J23100_AB|B0034m_BC|C0012m_CD|B0015_DF
D2- DVK_AF|J23100_AB|B0034m_BC|C0040_CD|B0015_DF
E2- DVK_AF|J23100_AB|B0034m_BC|C0062_CD|B0015_DF
F2- DVK_AF|J23100_AB|B0034m_BC|C0080_CD|B0015_DF
G2- DVK_AF|J23100_AB|B0034m_BC|cre_CD|B0015_DF
H2- DVK_AF|J23100_AB|BCD2_BC|C0012m_CD|B0015_DF
A3- DVK_AF|J23100_AB|BCD2_BC|C0040_CD|B0015_DF
B3- DVK_AF|J23100_AB|BCD2_BC|C0062_CD|B0015_DF
C3- DVK_AF|J23100_AB|BCD2_BC|C0080_CD|B0015_DF
D3- DVK_AF|J23100_AB|BCD2_BC|cre_CD|B0015_DF
E3- DVK_AF|J23100_AB|BCD8_BC|C0012m_CD|B0015_DF
F3- DVK_AF|J23100_AB|BCD8_BC|C0040_CD|B0015_DF
G3- DVK_AF|J23100_AB|BCD8_BC|C0062_CD|B0015_DF
H3- DVK_AF|J23100_AB|BCD8_BC|C0080_CD|B0015_DF
```
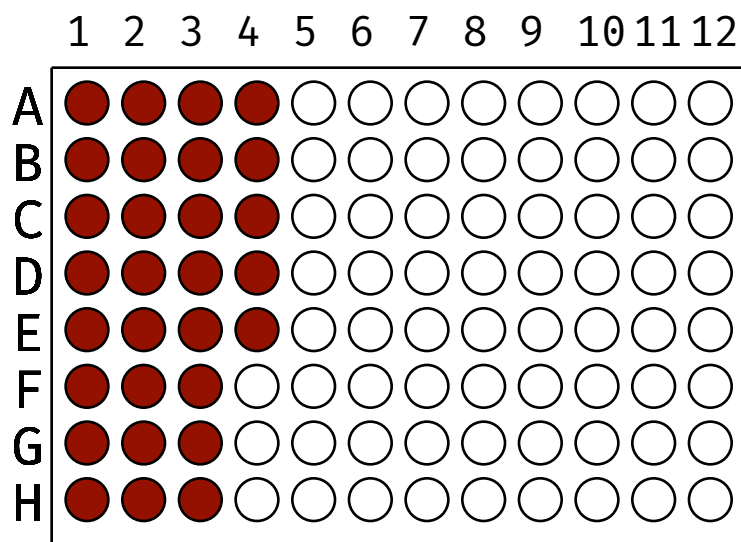
```
A4- DVK_AF|J23100_AB|BCD8_BC|cre_CD|B0015_DF
B4- DVK_AF|J23102_AB|B0032m_BC|C0012m_CD|B0015_DF
C4- DVK_AF|J23102_AB|B0032m_BC|C0040_CD|B0015_DF
D4- DVK_AF|J23102_AB|B0032m_BC|C0062_CD|B0015_DF
E4- DVK_AF|J23102_AB|B0032m_BC|C0080_CD|B0015_DF
F4- DVK_AF|J23102_AB|B0032m_BC|cre_CD|B0015_DF
G4- DVK_AF|J23102_AB|B0033m_BC|C0012m_CD|B0015_DF
H4- DVK_AF|J23102_AB|B0033m_BC|C0040_CD|B0015_DF
A5- DVK_AF|J23102_AB|B0033m_BC|C0062_CD|B0015_DF
B5- DVK_AF|J23102_AB|B0033m_BC|C0080_CD|B0015_DF
C5- DVK_AF|J23102_AB|B0033m_BC|cre_CD|B0015_DF
D5- DVK_AF|J23102_AB|B0034m_BC|C0012m_CD|B0015_DF
E5- DVK_AF|J23102_AB|B0034m_BC|C0040_CD|B0015_DF
F5- DVK_AF|J23102_AB|B0034m_BC|C0062_CD|B0015_DF
G5- DVK_AF|J23102_AB|B0034m_BC|C0080_CD|B0015_DF
H5- DVK_AF|J23102_AB|B0034m_BC|cre_CD|B0015_DF
A6- DVK_AF|J23102_AB|BCD2_BC|C0012m_CD|B0015_DF
B6- DVK_AF|J23102_AB|BCD2_BC|C0040_CD|B0015_DF
C6- DVK_AF|J23102_AB|BCD2_BC|C0062_CD|B0015_DF
D6- DVK_AF|J23102_AB|BCD2_BC|C0080_CD|B0015_DF
E6- DVK_AF|J23102_AB|BCD2_BC|cre_CD|B0015_DF
F6- DVK_AF|J23102_AB|BCD8_BC|C0012m_CD|B0015_DF
G6- DVK_AF|J23102_AB|BCD8_BC|C0040_CD|B0015_DF
H6- DVK_AF|J23102_AB|BCD8_BC|C0062_CD|B0015_DF
A7- DVK_AF|J23102_AB|BCD8_BC|C0080_CD|B0015_DF
B7- DVK_AF|J23102_AB|BCD8_BC|cre_CD|B0015_DF
C7- DVK_AF|J23103_AB|B0032m_BC|C0012m_CD|B0015_DF
D7- DVK_AF|J23103_AB|B0032m_BC|C0040_CD|B0015_DF
E7- DVK_AF|J23103_AB|B0032m_BC|C0062_CD|B0015_DF
F7- DVK_AF|J23103_AB|B0032m_BC|C0080_CD|B0015_DF
G7- DVK_AF|J23103_AB|B0032m_BC|cre_CD|B0015_DF
H7- DVK_AF|J23103_AB|B0033m_BC|C0012m_CD|B0015_DF
A8- DVK_AF|J23103_AB|B0033m_BC|C0040_CD|B0015_DF
B8- DVK_AF|J23103_AB|B0033m_BC|C0062_CD|B0015_DF
C8- DVK_AF|J23103_AB|B0033m_BC|C0080_CD|B0015_DF
D8- DVK_AF|J23103_AB|B0033m_BC|cre_CD|B0015_DF
E8- DVK_AF|J23103_AB|B0034m_BC|C0012m_CD|B0015_DF
F8- DVK_AF|J23103_AB|B0034m_BC|C0040_CD|B0015_DF
G8- DVK_AF|J23103_AB|B0034m_BC|C0062_CD|B0015_DF
H8- DVK_AF|J23103_AB|B0034m_BC|C0080_CD|B0015_DF
A9- DVK_AF|J23103_AB|B0034m_BC|cre_CD|B0015_DF
B9- DVK_AF|J23103_AB|BCD2_BC|C0012m_CD|B0015_DF
C9- DVK_AF|J23103_AB|BCD2_BC|C0040_CD|B0015_DF
D9- DVK_AF|J23103_AB|BCD2_BC|C0062_CD|B0015_DF
E9- DVK_AF|J23103_AB|BCD2_BC|C0080_CD|B0015_DF
F9- DVK_AF|J23103_AB|BCD2_BC|cre_CD|B0015_DF
G9- DVK_AF|J23103_AB|BCD8_BC|C0012m_CD|B0015_DF
H9- DVK_AF|J23103_AB|BCD8_BC|C0040_CD|B0015_DF
```

```
A10- DVK_AF|J23103_AB|BCD8_BC|C0062_CD|B0015_DF
B10- DVK_AF|J23103_AB|BCD8_BC|C0080_CD|B0015_DF
C10- DVK_AF|J23103_AB|BCD8_BC|cre_CD|B0015_DF
D10- DVK_AF|J23106_AB|B0032m_BC|C0012m_CD|B0015_DF
E10- DVK_AF|J23106_AB|B0032m_BC|C0040_CD|B0015_DF
F10- DVK_AF|J23106_AB|B0032m_BC|C0062_CD|B0015_DF
G10- DVK_AF|J23106_AB|B0032m_BC|C0080_CD|B0015_DF
H10- DVK_AF|J23106_AB|B0032m_BC|cre_CD|B0015_DF
A11- DVK_AF|J23106_AB|B0033m_BC|C0012m_CD|B0015_DF
B11- DVK_AF|J23106_AB|B0033m_BC|C0040_CD|B0015_DF
C11- DVK_AF|J23106_AB|B0033m_BC|C0062_CD|B0015_DF
D11- DVK_AF|J23106_AB|B0033m_BC|C0080_CD|B0015_DF
E11- DVK_AF|J23106_AB|B0033m_BC|cre_CD|B0015_DF
F11- DVK_AF|J23106_AB|B0034m_BC|C0012m_CD|B0015_DF
G11- DVK_AF|J23106_AB|B0034m_BC|C0040_CD|B0015_DF
H11- DVK_AF|J23106_AB|B0034m_BC|C0062_CD|B0015_DF
A12- DVK_AF|J23106_AB|B0034m_BC|C0080_CD|B0015_DF
B12- DVK_AF|J23106_AB|B0034m_BC|cre_CD|B0015_DF
C12- DVK_AF|J23106_AB|BCD2_BC|C0012m_CD|B0015_DF
D12- DVK_AF|J23106_AB|BCD2_BC|C0040_CD|B0015_DF
E12- DVK_AF|J23106_AB|BCD2_BC|C0062_CD|B0015_DF
F12- DVK_AF|J23106_AB|BCD2_BC|C0080_CD|B0015_DF
G12- DVK_AF|J23106_AB|BCD2_BC|cre_CD|B0015_DF
H12- DVK_AF|J23106_AB|BCD8_BC|C0012m_CD|B0015_DF
```

Output2

■ ASSEMBLY

Plate Contents

```
A1- DVK_AF|J23106_AB|BCD8_BC|C0040_CD|B0015_DF
B1- DVK_AF|J23106_AB|BCD8_BC|C0062_CD|B0015_DF
C1- DVK_AF|J23106_AB|BCD8_BC|C0080_CD|B0015_DF
D1- DVK_AF|J23106_AB|BCD8_BC|cre_CD|B0015_DF
E1- DVK_AF|J23107_AB|B0032m_BC|C0012m_CD|B0015_DF
F1- DVK_AF|J23107_AB|B0032m_BC|C0040_CD|B0015_DF
G1- DVK_AF|J23107_AB|B0032m_BC|C0062_CD|B0015_DF
H1- DVK_AF|J23107_AB|B0032m_BC|C0080_CD|B0015_DF
A2- DVK_AF|J23107_AB|B0032m_BC|cre_CD|B0015_DF
B2- DVK_AF|J23107_AB|B0033m_BC|C0012m_CD|B0015_DF
C2- DVK_AF|J23107_AB|B0033m_BC|C0040_CD|B0015_DF
D2- DVK_AF|J23107_AB|B0033m_BC|C0062_CD|B0015_DF
E2- DVK_AF|J23107_AB|B0033m_BC|C0080_CD|B0015_DF
F2- DVK_AF|J23107_AB|B0033m_BC|cre_CD|B0015_DF
G2- DVK_AF|J23107_AB|B0034m_BC|C0012m_CD|B0015_DF
H2- DVK_AF|J23107_AB|B0034m_BC|C0040_CD|B0015_DF
A3- DVK_AF|J23107_AB|B0034m_BC|C0062_CD|B0015_DF
B3- DVK_AF|J23107_AB|B0034m_BC|C0080_CD|B0015_DF
C3- DVK_AF|J23107_AB|B0034m_BC|cre_CD|B0015_DF
D3- DVK_AF|J23107_AB|BCD2_BC|C0012m_CD|B0015_DF
E3- DVK_AF|J23107_AB|BCD2_BC|C0040_CD|B0015_DF
F3- DVK_AF|J23107_AB|BCD2_BC|C0062_CD|B0015_DF
G3- DVK_AF|J23107_AB|BCD2_BC|C0080_CD|B0015_DF
H3- DVK_AF|J23107_AB|BCD2_BC|cre_CD|B0015_DF
```

```
A4- DVK_AF|J23107_AB|BCD8_BC|C0012m_CD|B0015_DF
B4- DVK_AF|J23107_AB|BCD8_BC|C0040_CD|B0015_DF
C4- DVK_AF|J23107_AB|BCD8_BC|C0062_CD|B0015_DF
D4- DVK_AF|J23107_AB|BCD8_BC|C0080_CD|B0015_DF
E4- DVK_AF|J23107_AB|BCD8_BC|cre_CD|B0015_DF
```