

Assembly mix picklist report

Parts consumption

Part	Well	Times used	Volume consumed	Final volume
conn_b-e	Source - B1	6	180 nL	49.82 uL
conn_b-l	Source - C1	1	32.5 nL	49.97 uL
conn_h-k	Source - H1	4	90 nL	49.91 uL
conn_l-n	Source - J1	1	22.5 nL	49.98 uL
conn_l-r	Source - K1	2	40 nL	49.96 uL
conn_l-w	Source - L1	2	30 nL	49.97 uL
conn_l-y	Source - M1	2	40 nL	49.96 uL
conn_q-r	Source - N1	1	20 nL	49.98 uL
conn_r-w	Source - O1	1	20 nL	49.98 uL
conn_t-v	Source - P1	2	65 nL	49.93 uL
conn_w-x	Source - A2	1	22.5 nL	49.98 uL
conn_w-y	Source - B2	2	35 nL	49.96 uL
conn_w-z	Source - C2	1	22.5 nL	49.98 uL
conn_y-z	Source - D2	4	90 nL	49.91 uL
hc_amp_ccdb	Source - E2	7	280 nL	49.72 uL
p10_tet-aptazyme	Source - G2	2	75 nL	49.92 uL
p11_sv40polya	Source - H2	6	165 nL	49.83 uL
p14_cmvp	Source - I2	1	10 nL	49.99 uL
p15_puror	Source - K2	1	40 nL	49.96 uL
p16_bghpolya	Source - L2	1	37.5 nL	49.96 uL
p18_ef1ap	Source - N2	2	70 nL	49.93 uL
p19_mneogreen	Source - O2	1	20 nL	49.98 uL

Part	Well	Times used	Volume consumed	Final volume
p19_mruby2	Source - P2	1	30 nL	49.97 uL
p1_5'-itr-pb	Source - C3	2	55 nL	49.94 uL
p1_5'ha-haavs1	Source - D3	5	137.5 nL	49.86 uL
p22_pgkpolya	Source - O3	2	30 nL	49.97 uL
p23_insulatorfb	Source - P3	1	22.5 nL	49.98 uL
p24_3'pb	Source - B4	2	65 nL	49.93 uL
p25_sv40-ori	Source - C4	2	70 nL	49.93 uL
p5_k1-k1	Source - M4	2	40 nL	49.96 uL
p5_kt-weiss	Source - N4	4	80 nL	49.92 uL
p6_atg_boxc	Source - O4	3	60 nL	49.94 uL
p6_kozak-atg	Source - P4	2	65 nL	49.93 uL
p6_nt-sv40_nls	Source - E5	1	27.5 nL	49.97 uL
p7_l7ae-weiss	Source - G5	2	80 nL	49.92 uL
p7_mneogreen	Source - L5	1	45 nL	49.96 uL
p7_mruby2	Source - M5	3	105 nL	49.9 uL
p8_linker1	Source - O5	2	30 nL	49.97 uL
p9_firefly_luciferase	Source - G6	2	80 nL	49.92 uL
WATER	Source - O24	7	2.47 uL	47.53 uL
BUFFER	Source - P24	7	2.1 uL	47.9 uL

Assemblies

C_3357_7 (Mixplate-A1)

Part	Well	Volume
hc_amp_ccdb	Source - E2	40 nL
p1_5'ha-haavs1	Source - D3	27.5 nL
conn_b-l	Source - C1	32.5 nL
conn_l-w	Source - L1	15 nL
p23_insulatorfb	Source - P3	22.5 nL

Part	Well	Volume
p24_3'pb	Source - B4	32.5 nL
conn_y-z	Source - D2	22.5 nL
WATER	Source - O24	507.5 nL
BUFFER	Source - P24	300 nL

C_3101_11 (Mixplate-B1)

Part	Well	Volume
hc_amp_ccdb	Source - E2	40 nL
p1_5'-itr-pb	Source - C3	27.5 nL
conn_b-e	Source - B1	30 nL
p5_kt-weiss	Source - N4	20 nL
p6_nt-sv40_nls	Source - E5	27.5 nL
p7_l7ae-weiss	Source - G5	40 nL
conn_h-k	Source - H1	22.5 nL
p11_sv40polya	Source - H2	27.5 nL
conn_l-r	Source - K1	20 nL
conn_r-w	Source - O1	20 nL
conn_w-z	Source - C2	22.5 nL
WATER	Source - O24	402.5 nL
BUFFER	Source - P24	300 nL

C_3102_10 (Mixplate-C1)

Part	Well	Volume
hc_amp_ccdb	Source - E2	40 nL
p1_5'-itr-pb	Source - C3	27.5 nL
conn_b-e	Source - B1	30 nL
p5_k1-k1	Source - M4	20 nL
p6_kozak-atg	Source - P4	32.5 nL

Part	Well	Volume
p7_l7ae-weiss	Source - G5	40 nL
conn_h-k	Source - H1	22.5 nL
p11_sv40polya	Source - H2	27.5 nL
conn_l-y	Source - M1	20 nL
p25_sv40-ori	Source - C4	35 nL
WATER	Source - O24	405 nL
BUFFER	Source - P24	300 nL

C_4058_10 (Mixplate-D1)

Part	Well	Volume
hc_amp_ccdb	Source - E2	40 nL
p1_5'ha-haavs1	Source - D3	27.5 nL
conn_b-e	Source - B1	30 nL
p5_kt-weiss	Source - N4	20 nL
p6_atg_boxc	Source - O4	20 nL
p7_mrby2	Source - M5	35 nL
conn_h-k	Source - H1	22.5 nL
p11_sv40polya	Source - H2	27.5 nL
conn_l-y	Source - M1	20 nL
p25_sv40-ori	Source - C4	35 nL
WATER	Source - O24	422.5 nL
BUFFER	Source - P24	300 nL

C_4308_12 (Mixplate-E1)

Part	Well	Volume
hc_amp_ccdb	Source - E2	40 nL
p1_5'ha-haavs1	Source - D3	27.5 nL
conn_b-e	Source - B1	30 nL

Part	Well	Volume
p5_k1-k1	Source - M4	20 nL
p6_kozak-atg	Source - P4	32.5 nL
p7_mneogreen	Source - L5	45 nL
conn_h-k	Source - H1	22.5 nL
p11_sv40polya	Source - H2	27.5 nL
conn_l-w	Source - L1	15 nL
conn_w-x	Source - A2	22.5 nL
p24_3'pb	Source - B4	32.5 nL
conn_y-z	Source - D2	22.5 nL
WATER	Source - O24	362.5 nL
BUFFER	Source - P24	300 nL

C_9728_21 (Mixplate-F1)

Part	Well	Volume
hc_amp_ccdb	Source - E2	40 nL
p1_5'ha-haavs1	Source - D3	27.5 nL
conn_b-e	Source - B1	30 nL
p5_kt-weiss	Source - N4	20 nL
p6_atg_boxc	Source - O4	20 nL
p7_mrby2	Source - M5	35 nL
p8_linker1	Source - O5	15 nL
p9_firefly_luciferase	Source - G6	40 nL
p10_tet-aptazyme	Source - G2	37.5 nL
p11_sv40polya	Source - H2	27.5 nL
conn_l-n	Source - J1	22.5 nL
p14_cmvp	Source - I2	10 nL
p15_puror	Source - K2	40 nL
p16_bghpolya	Source - L2	37.5 nL
conn_q-r	Source - N1	20 nL

Part	Well	Volume
p18_ef1ap	Source - N2	35 nL
p19_mneogreen	Source - O2	20 nL
conn_t-v	Source - P1	32.5 nL
p22_pgkpolya	Source - O3	15 nL
conn_w-y	Source - B2	17.5 nL
conn_y-z	Source - D2	22.5 nL
WATER	Source - O24	135 nL
BUFFER	Source - P24	300 nL

C_8228_17 (Mixplate-G1)

Part	Well	Volume
hc_amp_ccdb	Source - E2	40 nL
p1_5'ha-haavs1	Source - D3	27.5 nL
conn_b-e	Source - B1	30 nL
p5_kt-weiss	Source - N4	20 nL
p6_atg_boxc	Source - O4	20 nL
p7_mrby2	Source - M5	35 nL
p8_linker1	Source - O5	15 nL
p9_firefly_luciferase	Source - G6	40 nL
p10_tet-aptazyme	Source - G2	37.5 nL
p11_sv40polya	Source - H2	27.5 nL
conn_l-r	Source - K1	20 nL
p18_ef1ap	Source - N2	35 nL
p19_mrby2	Source - P2	30 nL
conn_t-v	Source - P1	32.5 nL
p22_pgkpolya	Source - O3	15 nL
conn_w-y	Source - B2	17.5 nL
conn_y-z	Source - D2	22.5 nL
WATER	Source - O24	235 nL

Part	Well	Volume
BUFFER	Source - P24	300 nL