

Synthesis Name: S14062019

Amount of Synthesis: 40 mg.

Deprotection Method: 4MP 20% TritonX100 1%/DMF

Number of Peptides: 52

Number of families: 22

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Bag	Size	Pos.	M.W.	Family
1	10	442	1148.5	RAG-1
Sequence: DLKTQVKVFA				
2	18	927	2108.52	RAG-1
Sequence: VWRSTSPAKESPDELSRY				
3	15	967	1749.26	RAG-1
Sequence: ITNYLHKTLAHVPEI				
4	20	28	2350	SOCS3
Sequence: TFSSKVQYQLVVTTLHKLQE				
5	14	194	1750.17	SOCS3
Sequence: RDQLPHPLKEFLQE				
6	13	1	1424.89	IFNRa/b2
Sequence: SMHKPLPKTLSSV				
7	13	177	1405.75	IFNRa/b2
Sequence: EKTIVIGYLEPGAE				
8	19	142	2315.91	IFNRa/b2
Sequence: LQRSLSPQTQLYYRQFTSKV				
9	11	31	1271.56	IFIT5
Sequence: ELDSIPEKLLD				
10	15	146	1827.4	IFIT5
Sequence: SLIRLGAFYKRVKE				
11	8	205	956.29	IFIT5
Sequence: QLRKVLSL				
12	18	267	2108.58	IFNR1B
Sequence: FYPSIQLPAHIQEYLSDS				
13	14	299	1518.81	IFNR1B
Sequence: EAELSSDKLTISPE				
14	10	1	1121.37	RAB5
Sequence: DLASKRAVDF				
15	14	1	1460.97	RAB5
Sequence: AVGKSSLVLRVFKG				
16	11	1	1162.46	RAB5
Sequence: RGAQAIVVYD				

17 13 1 1557.05 TLR4  
Sequence: NNRLPLLGYIQK

18 14 1 1642.03 MCR2  
Sequence: LNEKVSNLQRRVDA

19 17 227 2052.67 NLRX-1  
Sequence: SLRDLVSRKYLHLKNIP

20 17 612 1852.23 NLRX-1  
Sequence: NEDVLDQVEQSLLGVHG

21 10 956 1301.69 NLRX-1  
Sequence: VREQQLQIFLR

22 17 613 2005.65 NOD-1  
Sequence: LKRKRAVLKSYLSTSVR

23 17 742 1911.37 NOD-1  
Sequence: SDSSVEVLAEELIKHRV

24 12 927 1288.66 NOD-1  
Sequence: LKEISLKGNSLS

25 10 613 1202.55 NOD-2  
Sequence: TIPKLFQLQD

26 14 781 1598.89 NOD-2  
Sequence: QLDYNYVGDVGV EQ

27 15 745 1758.25 NOD-2  
Sequence: AKLEVEHLKLTYSNI

28 16 821 1888.44 NOD-2  
Sequence: IEKGIQSEHFQKIALF

29 13 235 1566.2 GPR-18  
Sequence: KLKPKVKQKSIRI

30 10 333 1057.26 GPR-18  
Sequence: HTGSVRSLSN

31 20 284 2315.9 NF-Kb  
Sequence: SPTDVHKQYAIVFKTPPYHS

32 16 512 1886.37 F-kb  
Sequence: QQHKVLDKLNHLSQTP

33 17 747 1973.47 F-kb  
Sequence: TPFDLTKSQKVRDLLDP

34 18 247 1944.46 EOMES  
Sequence: GLNLAAHYNVFVEVVLAD

35 13 336 1612.05 EOMES  
Sequence: KYQPRLHIVEVTE

36 17 1 1742.12 EOMES  
Sequence: RPSPPAFADDQLAASAK

37 16 69 1958.51 1  
Sequence: YFKLENIYVKELSVGR

38        18        405        1869.43 1  
Sequence: GSVGLPLLKSDDIKLVNT

39        16        102        1786.22 protein-like  
Sequence: TPVKSSKLDVFSEVYS

40        18        173        1804.19 IL12R  
Sequence: DPGLVSANFPVSGSVQTE

41        12        743        1395.68 IL12R  
Sequence: TTAYFQSSYLKS

42        11        71        1260.51 TNFR  
Sequence: SNQKVLRESEA

43        10        1        1015.17 TNFR  
Sequence: NDTVSAAPSQP

44        7        1        878.07 TNFR  
Sequence: RPSRYLS

45        13        65        1497.01 IL15R  
Sequence: NLIKSKRIGQVLQ

46        13        124        1397.76 IL15R  
Sequence: TPSSLLSPILQNQ

47        10        256        1056.17 IL15R  
Sequence: SPSESYSVSN

48        12        258        1357.77 TLR3  
Sequence: AIRSLSLQKTQL

49        13        29        1184.58 PSMA7  
Sequence: QAVAAAVASKIVG

50        15        54        1877.51 PSMA7  
Sequence: KSRFTVKPYIKRLQL

51        15        99        1724.14 1  
Sequence: ARDFVEKAFRDGLIS

52        13        1        1394.63 1  
Sequence: KGSESQKSSQTLD

1	DLKTQVKVFA
2	VWRSTSPAKESPDELSRY
3	ITNYLHKTLAHVPEI
4	TFSSKVQYQLVVTTLHKLQE
5	RDQLPHPLKEFLQE
6	SMHKPLPKTLSSV
7	EKTVIGYLEPGAE
8	LQRSLSPTQLYYRQFTSKV
9	ELDSIPEKLLD
10	SLIRLGAFFYKRVKE
11	QLRKVLSL
12	FYPSIQLPAAHIQEYLSDS
13	EAELSSDKLTISPE
14	DLASKRAVDF
15	AVGKSSLVLRFVKG
16	RGAQAAIVVYD
17	NNRLPLLGGYIQK
18	LNEKVSNLQRRVDA
19	SLRDLVSRKYLHLKNIP
20	NEDVLDQVEQSLLGVHG
21	VREQLQIFLR
22	LKRKRAVLKSYLSTSVR
23	SDSSVEVLAEELIKHRV
24	LKEISLKGNSLS
25	TIPKLFQLQD
26	QLDYNVVGDVGEQ
27	AKLEVEHLKLTYSNI
28	IEKGIQSEHFQKIALF
29	KLKPKVKQKSIRI
30	HTGSVRSLSN
31	SPTDVHKQYAIVFKTPPYHS
32	QQHKVLDKLNHLSQTP

33	TPFDLTKSQKVRDLLDP
34	GLNLAAHYNVFVEVVLAD
35	KYQPRLHIVEVTE
36	RPSPPAFADDQLAASAK
37	YFKLENIYVKELSVGR
38	GSVGLPLLKSDDIKLVNT
39	TPVKSSKLDVFSEVYS
40	DPGLVSANFPVSGSVQTE
41	TTAYFQSSYLKS
42	SNQKVLRESEA
43	NDTVSAPSQP
44	RPSRYLS
45	NLIKSKRIGQVLQ
46	TPSSLLSPILQNQ
47	SPSESYSVSN
48	AIRSLSLQKTQL
49	QAVAAAVASKIVG
50	KSFRFTVKPYIKRLQL
51	ARDFVEKAFRDGLIS
52	KGSESQKSSQTLD

## TOTAL OF AMINO ACIDS FOR SYNTHESIS

ALA	39	RESIDUOS
ARG	37	RESIDUOS
ASN	22	RESIDUOS
ASP	34	RESIDUOS
CYS	0	RESIDUOS
PHE	24	RESIDUOS
GLY	24	RESIDUOS
GLU	41	RESIDUOS
GLN	47	RESIDUOS
HIS	18	RESIDUOS
ILE	32	RESIDUOS
LEU	96	RESIDUOS
LYS	66	RESIDUOS
MET	1	RESIDUOS
PRO	38	RESIDUOS
SER	86	RESIDUOS
TYR	28	RESIDUOS
THR	32	RESIDUOS
TRP	1	RESIDUOS
VAL	65	RESIDUOS

## AMOUNT OF AMINO ACIDS FROM COUPLING 1 TO 10

ALA	31	RESIDUES
ARG	27	RESIDUES
ASN	18	RESIDUES
ASP	22	RESIDUES
CYS	0	RESIDUES
PHE	17	RESIDUES
GLY	15	RESIDUES
GLU	26	RESIDUES
GLN	32	RESIDUES
HIS	11	RESIDUES
ILE	18	RESIDUES
LEU	70	RESIDUES
LYS	52	RESIDUES
MET	1	RESIDUES
PRO	30	RESIDUES
SER	63	RESIDUES
TYR	20	RESIDUES
THR	21	RESIDUES
TRP	1	RESIDUES
VAL	40	RESIDUES
OUT	9	RESIDUES

## AMOUNT OF AMINO ACIDS FROM COUPLING 11 TO 20

ALA	8	RESIDUES
ARG	10	RESIDUES
ASN	4	RESIDUES
ASP	12	RESIDUES
CYS	0	RESIDUES
PHE	7	RESIDUES
GLY	9	RESIDUES
GLU	15	RESIDUES
GLN	15	RESIDUES
HIS	7	RESIDUES
ILE	14	RESIDUES
LEU	26	RESIDUES
LYS	14	RESIDUES
MET	0	RESIDUES
PRO	8	RESIDUES
SER	23	RESIDUES
TYR	8	RESIDUES
THR	11	RESIDUES
TRP	0	RESIDUES
VAL	25	RESIDUES
OUT	43	RESIDUES



## COUPLING NUMBER 1

ALA: 1 18 42 =**3**  
 ASP: 9 16 25 34 52 =**5**  
 GLU: 4 5 7 10 13 35 40 =**7**  
 PHE: 14 28 =**2**  
 GLY: 15 20 49 =**3**  
 ILE: 3 27 29 =**3**  
 LYS: 17 36 =**2**  
 LEU: 11 48 50 =**3**  
 ASN: 30 47 =**2**  
 PRO: 19 32 33 43 =**4**  
 GLN: 26 45 46 =**3**  
 ARG: 21 22 37 =**3**  
 SER: 12 24 31 39 41 44 51 =**7**  
 THR: 38 =**1**  
 VAL: 6 8 23 =**3**  
 TYR: 2 =**1**

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_\_

Wash DMF (3x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_\_

Wash IPA (1x1') | \_\_\_\_\_

Wash BPB 1%/DMF (1x2') | \_\_\_\_\_

Wash DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_\_


Wash DCM (1x1') | \_\_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY


AA+HBTU+OXYMA+DIPEA


Single (5:5:5:7,5) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') 

1:ALA    16:ASP    31:SER    46:GLN  
 2:TYR    17:LYS    32:PRO    47:ASN  
 3:ILE    18:ALA    33:PRO    48:LEU  
 4:GLU    19:PRO    34:ASP    49:GLY  
 5:GLU    20:GLY    35:GLU    50:LEU  
 6:VAL    21:ARG    36:LYS    51:SER  
 7:GLU    22:ARG    37:ARG    52:ASP  
 8:VAL    23:VAL    38:THR  
 9:ASP    24:SER    39:SER  
 10:GLU    25:ASP    40:GLU  
 11:LEU    26:GLN    41:SER  
 12:SER    27:ILE    42:ALA  
 13:GLU    28:PHE    43:PRO  
 14:PHE    29:ILE    44:SER  
 15:GLY    30:ASN    45:GLN

## COUPLING NUMBER 2

ALA: 7 34 36 =**3**  
 ASP: 12 14 18 33 =**4**  
 GLU: 3 26 42 =**3**  
 PHE: 1 =**1**  
 GLY: 37 =**1**  
 HIS: 20 31 =**2**  
 ILE: 19 51 =**2**  
 LYS: 8 10 15 41 =**4**  
 LEU: 9 21 24 28 44 45 52 =**7**  
 ASN: 27 38 46 =**3**  
 PRO: 13 =**1**  
 GLN: 4 5 17 25 43 48 50 =**7**  
 ARG: 2 23 29 =**3**  
 SER: 6 11 30 47 =**4**  
 THR: 32 35 40 =**3**  
 VAL: 22 49 =**2**  
 TYR: 16 39 =**2**

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (3x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash IPA (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash BPB 1%/DMF (1x2') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_


Wash DCM (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY


AA+HBTU+OXYMA+DIPEA


Single (5:5:5:7,5) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') 

1:PHE    16:TYR    31:HIS    46:ASN  
 2:ARG    17:GLN    32:THR    47:SER  
 3:GLU    18:ASP    33:ASP    48:GLN  
 4:GLN    19:ILE    34:ALA    49:VAL  
 5:GLN    20:HIS    35:THR    50:GLN  
 6:SER    21:LEU    36:ALA    51:ILE  
 7:ALA    22:VAL    37:GLY    52:LEU  
 8:LYS    23:ARG    38:ASN  
 9:LEU    24:LEU    39:TYR  
 10:LYS    25:GLN    40:THR  
 11:SER    26:GLU    41:LYS  
 12:ASP    27:ASN    42:GLU  
 13:PRO    28:LEU    43:GLN  
 14:ASP    29:ARG    44:LEU  
 15:LYS    30:SER    45:LEU

## COUPLING NUMBER 3

ALA: 28 =**1**  
 PHE: 21 =**1**  
 GLY: 7 =**1**  
 HIS: 23 =**1**  
 ILE: 17 29 49 =**3**  
 LEU: 4 5 9 11 25 30 33 34 41 50 51 =**11**  
 ASN: 19 =**1**  
 PRO: 3 =**1**  
 GLN: 32 40 46 =**3**  
 SER: 2 6 8 12 13 22 24 27 36 42 43 =**11**  
 THR: 48 52 =**2**  
 VAL: 1 10 14 15 16 18 20 26 35 37 38 39 45 47 =**14**  
 TYR: 31 44 =**2**

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x10')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (3x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash IPA (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash BPB 1%/DMF (1x2') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_


Wash DCM (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY


AA+HBTU+OXYMA+DIPEA


Single (5:5:5:7,5) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') 

1:VAL	16:VAL	31:TYR	46:GLN
2:SER	17:ILE	32:GLN	47:VAL
3:PRO	18:VAL	33:LEU	48:THR
4:LEU	19:ASN	34:LEU	49:ILE
5:LEU	20:VAL	35:VAL	50:LEU
6:SER	21:PHE	36:SER	51:LEU
7:GLY	22:SER	37:VAL	52:THR
8:SER	23:HIS	38:VAL	
9:LEU	24:SER	39:VAL	
10:VAL	25:LEU	40:GLN	
11:LEU	26:VAL	41:LEU	
12:SER	27:SER	42:SER	
13:SER	28:ALA	43:SER	
14:VAL	29:ILE	44:TYR	
15:VAL	30:LEU	45:VAL	

## COUPLING NUMBER 4

ALA: 14 36 =**2**  
 GLU: 35 39 42 =**3**  
 PHE: 5 15 =**2**  
 GLY: 20 26 51 =**3**  
 ILE: 13 21 28 =**3**  
 LYS: 1 4 9 19 23 48 49 =**7**  
 LEU: 2 6 12 33 38 46 =**6**  
 ASN: 24 =**1**  
 PRO: 7 31 43 =**3**  
 GLN: 25 45 52 =**3**  
 ARG: 10 18 44 50 =**4**  
 SER: 29 30 32 37 47 =**5**  
 THR: 8 22 =**2**  
 VAL: 3 11 16 34 40 =**5**  
 TYR: 17 27 41 =**3**

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF(2x1') (C) |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash DMF(3x1') (C) |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash IPA(1x1') |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash BPB 1%/DMF(1x2') |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash DMF(2x1') (C) |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash DCM(1x1') |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY

AA+HBTU+OXYMA+DIPEA

Single (5:5:5:7,5) |\_\_\_\_/\_\_\_\_/\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_|\_\_\_\_|

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5) (C) |\_\_\_\_/\_\_\_\_/\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_|\_\_\_\_|

AA+DIC+OXYMA

Triple (5:5:5) (C) |\_\_\_\_/\_\_\_\_/\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_|\_\_\_\_|

After coupling cycle, before checking the BPB test, wash DMF(2x1') (C)

1:LYS    16:VAL    31:PRO    46:LEU  
 2:LEU    17:TYR    32:SER    47:SER  
 3:VAL    18:ARG    33:LEU    48:LYS  
 4:LYS    19:LYS    34:VAL    49:LYS  
 5:PHE    20:GLY    35:GLU    50:ARG  
 6:LEU    21:ILE    36:ALA    51:GLY  
 7:PRO    22:THR    37:SER    52:GLN  
 8:THR    23:LYS    38:LEU  
 9:LYS    24:ASN    39:GLU  
 10:ARG    25:GLN    40:VAL  
 11:VAL    26:GLY    41:TYR  
 12:LEU    27:TYR    42:GLU  
 13:ILE    28:ILE    43:PRO  
 14:ALA    29:SER    44:ARG  
 15:PHE    30:SER    45:GLN

## COUPLING NUMBER 5

ALA: 36 43 =**2**  
 ASP: 33 51 =**2**  
 GLU: 2 5 7 9 =**4**  
 PHE: 8 25 =**2**  
 GLY: 24 45 =**2**  
 HIS: 3 4 =**2**  
 ILE: 16 23 46 =**3**  
 LYS: 10 11 17 28 29 38 50 =**7**  
 LEU: 19 20 32 37 =**4**  
 PRO: 31 =**1**  
 GLN: 21 48 =**2**  
 ARG: 14 15 18 30 42 =**5**  
 SER: 22 39 40 41 44 49 52 =**7**  
 THR: 6 13 27 =**3**  
 VAL: 1 26 34 35 =**4**  
 TYR: 12 47 =**2**

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (3x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash IPA (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash BPB 1%/DMF (1x2') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_


Wash DCM (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY


AA+HBTU+OXYMA+DIPEA


Single (5:5:5:7,5) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_


After coupling cycle, before checking the BPB test, wash DMF (2x1') 

1:VAL    16:ILE    31:PRO    46:ILE  
 2:GLU    17:LYS    32:LEU    47:TYR  
 3:HIS    18:ARG    33:ASP    48:GLN  
 4:HIS    19:LEU    34:VAL    49:SER  
 5:GLU    20:LEU    35:VAL    50:LYS  
 6:THR    21:GLN    36:ALA    51:ASP  
 7:GLU    22:SER    37:LEU    52:SER  
 8:PHE    23:ILE    38:LYS  
 9:GLU    24:GLY    39:SER  
 10:LYS    25:PHE    40:SER  
 11:LYS    26:VAL    41:SER  
 12:TYR    27:THR    42:ARG  
 13:THR    28:LYS    43:ALA  
 14:ARG    29:LYS    44:SER  
 15:ARG    30:ARG    45:GLY

## COUPLING NUMBER 6

ALA: 3 16 49 =**3**  
 ASP: 2 26 =**2**  
 GLU: 12 34 37 =**3**  
 PHE: 39 =**1**  
 GLY: 17 40 =**2**  
 HIS: 19 32 =**2**  
 ILE: 35 38 45 50 =**4**  
 LYS: 5 6 14 24 =**4**  
 LEU: 4 7 13 15 20 21 22 23 25 27 36 42 48 =**13**  
 PRO: 9 44 46 =**3**  
 GLN: 1 8 18 28 29 =**5**  
 ARG: 11 33 51 =**3**  
 SER: 41 43 47 52 =**4**  
 THR: 31 =**1**  
 VAL: 30 =**1**  
 TYR: 10 =**1**

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x10')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (3x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash IPA (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash BPB 1%/DMF (1x2') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_


Wash DCM (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY


AA+HBTU+OXYMA+DIPEA


Single (5:5:5:7,5) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') 

1:GLN    16:ALA    31:THR    46:PRO  
 2:ASP    17:GLY    32:HIS    47:SER  
 3:ALA    18:GLN    33:ARG    48:LEU  
 4:LEU    19:HIS    34:GLU    49:ALA  
 5:LYS    20:LEU    35:ILE    50:ILE  
 6:LYS    21:LEU    36:LEU    51:ARG  
 7:LEU    22:LEU    37:GLU    52:SER  
 8:GLN    23:LEU    38:ILE  
 9:PRO    24:LYS    39:PHE  
 10:TYR    25:LEU    40:GLY  
 11:ARG    26:ASP    41:SER  
 12:GLU    27:LEU    42:LEU  
 13:LEU    28:GLN    43:SER  
 14:LYS    29:GLN    44:PRO  
 15:LEU    30:VAL    45:ILE

## COUPLING NUMBER 7

ALA: 16 =1  
 ASP: 38 =1  
 GLU: 23 47 =2  
 PHE: 10 28 51 =3  
 GLY: 26 =1  
 HIS: 35 =1  
 ILE: 9 =1  
 LYS: 13 25 27 29 31 37 52 =7  
 LEU: 3 5 11 17 18 19 24 =7  
 ASN: 32 =1  
 PRO: 2 6 =2  
 GLN: 12 21 36 41 =4  
 ARG: 8 44 45 =3  
 SER: 14 20 30 40 46 48 =6  
 THR: 1 4 =2  
 VAL: 15 33 34 39 42 43 49 =7  
 TYR: 7 22 50 =3

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x1') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (3x1') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash IPA (1x1')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash BPB 1%/DMF (1x2')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (2x1') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DCM (1x1')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY

AA+HBTU+OXYMA+DIPEA

Single (5:5:5:7,5)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5) (C)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5) (C)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') (C)

1:THR    16:ALA    31:LYS    46:SER  
 2:PRO    17:LEU    32:ASN    47:GLU  
 3:LEU    18:LEU    33:VAL    48:SER  
 4:THR    19:LEU    34:VAL    49:VAL  
 5:LEU    20:SER    35:HIS    50:TYR  
 6:PRO    21:GLN    36:GLN    51:PHE  
 7:TYR    22:TYR    37:LYS    52:LYS  
 8:ARG    23:GLU    38:ASP  
 9:ILE    24:LEU    39:VAL  
 10:PHE    25:LYS    40:SER  
 11:LEU    26:GLY    41:GLN  
 12:GLN    27:LYS    42:VAL  
 13:LYS    28:PHE    43:VAL  
 14:SER    29:LYS    44:ARG  
 15:VAL    30:SER    45:ARG

## COUPLING NUMBER 8

ALA: 14 49 51 =**3**  
 ASP: 13 36 38 39 =**4**  
 GLU: 21 23 =**2**  
 PHE: 10 31 34 41 =**4**  
 GLY: 7 30 =**2**  
 HIS: 28 =**1**  
 ILE: 12 =**1**  
 LYS: 1 33 42 45 =**4**  
 LEU: 6 15 17 27 32 35 46 48 =**8**  
 ASN: 18 =**1**  
 PRO: 5 25 50 =**3**  
 GLN: 11 16 20 52 =**4**  
 SER: 2 9 22 24 47 =**5**  
 THR: 3 4 43 =**3**  
 VAL: 26 29 37 40 =**4**  
 TYR: 8 19 =**2**  
 OUT: 44 =**1**

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_\_

Wash DMF (3x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_\_

Wash IPA (1x1') | \_\_\_\_\_

Wash BPB 1%/DMF (1x2') | \_\_\_\_\_

Wash DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_\_


Wash DCM (1x1') | \_\_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY


AA+HBTU+OXYMA+DIPEA


Single (5:5:5:7,5) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') 

1:LYS    16:GLN    31:PHE    46:LEU  
 2:SER    17:LEU    32:LEU    47:SER  
 3:THR    18:ASN    33:LYS    48:LEU  
 4:THR    19:TYR    34:PHE    49:ALA  
 5:PRO    20:GLN    35:LEU    50:PRO  
 6:LEU    21:GLU    36:ASP    51:ALA  
 7:GLY    22:SER    37:VAL    52:GLN  
 8:TYR    23:GLU    38:ASP  
 9:SER    24:SER    39:ASP  
 10:PHE    25:PRO    40:VAL  
 11:GLN    26:VAL    41:PHE  
 12:ILE    27:LEU    42:LYS  
 13:ASP    28:HIS    43:THR  
 14:ALA    29:VAL    44:OUT  
 15:LEU    30:GLY    45:LYS



## COUPLING NUMBER 9

ALA: 10 16 23 49 =**4**  
 ASP: 9 36 43 =**3**  
 GLU: 2 20 28 =**3**  
 HIS: 5 12 27 =**3**  
 ILE: 7 24 25 =**3**  
 LYS: 3 19 22 29 32 50 51 =**7**  
 LEU: 1 14 39 46 =**4**  
 PRO: 6 17 40 47 =**4**  
 GLN: 33 42 =**2**  
 ARG: 21 35 =**2**  
 SER: 13 15 18 38 45 48 52 =**7**  
 THR: 30 =**1**  
 VAL: 4 31 34 =**3**  
 TYR: 8 26 37 41 =**4**  
 OUT: 11 =**1**

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF(2x1') (C) |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash DMF(3x1') (C) |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash IPA(1x1') |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash BPB 1%/DMF(1x2') |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash DMF(2x1') (C) |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash DCM(1x1') |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY

AA+HBTU+OXYMA+DIPEA

Single (5:5:5:7,5) |\_\_\_\_/\_\_\_\_/\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_|

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5) (C) |\_\_\_\_/\_\_\_\_/\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_|

AA+DIC+OXYMA

Triple (5:5:5) (C) |\_\_\_\_/\_\_\_\_/\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_|

After coupling cycle, before checking the BPB test, wash DMF(2x1') (C)

1:LEU    16:ALA    31:VAL    47:PRO  
 2:GLU    17:PRO    32:LYS    48:SER  
 3:LYS    18:SER    33:GLN    49:ALA  
 4:VAL    19:LYS    34:VAL    50:LYS  
 5:HIS    20:GLU    35:ARG    51:LYS  
 6:PRO    21:ARG    36:ASP    52:SER  
 7:ILE    22:LYS    37:TYR  
 8:TYR    23:ALA    38:SER  
 9:ASP    24:ILE    39:LEU  
 10:ALA    25:ILE    40:PRO  
 11:OUT    26:TYR    41:TYR  
 12:HIS    27:HIS    42:GLN  
 13:SER    28:GLU    43:ASP  
 14:LEU    29:LYS    45:SER  
 15:SER    30:THR    46:LEU

## COUPLING NUMBER 10

ALA: 12 36 41 49 =**4**  
 ASP: 1 14 32 =**3**  
 GLU: 24 27 51 52 =**4**  
 PHE: 40 =**1**  
 GLY: 10 16 =**2**  
 HIS: 3 30 =**2**  
 ILE: 31 37 =**2**  
 LYS: 2 6 38 39 45 =**5**  
 LEU: 8 9 17 22 23 =**5**  
 ASN: 26 34 42 43 =**4**  
 PRO: 5 29 35 =**3**  
 ARG: 19 48 =**2**  
 SER: 13 15 28 33 46 47 =**6**  
 THR: 25 =**1**  
 VAL: 4 7 18 20 21 50 =**6**

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF(2x10') (C) |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash DMF(3x1') (C) |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash IPA(1x1') |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash BPB 1%/DMF(1x2') |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash DMF(2x1') (C) |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Wash DCM(1x1') |\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_|

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY

AA+HBTU+OXYMA+DIPEA

Single (5:5:5:7,5) |\_\_\_\_/\_\_\_\_/\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_|\_\_\_\_|

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5) (C) |\_\_\_\_/\_\_\_\_/\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_|\_\_\_\_|

AA+DIC+OXYMA

Triple (5:5:5) (C) |\_\_\_\_/\_\_\_\_/\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_:\_\_\_\_|\_\_\_\_|\_\_\_\_|

After coupling cycle, before checking the BPB test, wash DMF(2x1') (C)

1:ASP	17:LEU	32:ASP	48:ARG
2:LYS	18:VAL	33:SER	49:ALA
3:HIS	19:ARG	34:ASN	50:VAL
4:VAL	20:VAL	35:PRO	51:GLU
5:PRO	<u>21:VAL</u>	36:ALA	52:GLU
6:LYS	22:LEU	37:ILE	
7:VAL	23:LEU	38:LYS	
8:LEU	24:GLU	39:LYS	
9:LEU	<u>25:THR</u>	40:PHE	
10:GLY	26:ASN	41:ALA	
12:ALA	27:GLU	42:ASN	
13:SER	28:SER	<u>43:ASN</u>	
<u>14:ASP</u>	29:PRO	45:LYS	
15:SER	<u>30:HIS</u>	46:SER	
16:GLY	31:ILE	<u>47:SER</u>	

## COUPLING NUMBER 11

ALA: 2 31 =**2**  
 GLU: 9 =**1**  
 PHE: 36 =**1**  
 HIS: 6 =**1**  
 ILE: 45 48 =**2**  
 LYS: 15 18 24 29 33 =**5**  
 LEU: 3 4 5 10 13 32 38 =**7**  
 ASN: 37 40 =**2**  
 PRO: 12 =**1**  
 GLN: 8 20 28 35 =**4**  
 ARG: 16 17 =**2**  
 SER: 19 39 42 46 52 =**5**  
 THR: 7 41 50 =**3**  
 VAL: 22 23 27 49 51 =**5**  
 TYR: 26 34 =**2**  
 OUT: 1 14 21 25 30 43 47 =**7**

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x10') (C) | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (3x1') (C) | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash IPA (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash BPB 1%/DMF (1x2') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (2x1') (C) | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DCM (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY

AA+HBTU+OXYMA+DIPEA

Single (5:5:5:7,5) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5) (C) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5) (C) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') (C)

1:OUT    17:ARG    32:LEU    48:ILE  
 2:ALA    18:LYS    33:LYS    49:VAL  
 3:LEU    19:SER    34:TYR    50:THR  
 4:LEU    20:GLN    35:GLN    51:VAL  
 5:LEU    21:OUT    36:PHE    52:SER  
 6:HIS    22:VAL    37:ASN  
 7:THR    23:VAL    38:LEU  
 8:GLN    24:LYS    39:SER  
 9:GLU    25:OUT    40:ASN  
 10:LEU    26:TYR    41:THR  
 12:PRO    27:VAL    42:SER  
 13:LEU    28:GLN    43:OUT  
 14:OUT    29:LYS    45:ILE  
 15:LYS    30:OUT    46:SER  
 16:ARG    31:ALA    47:OUT

## COUPLING NUMBER 12

ALA: 22 36 40 48 49 =5  
 ASP: 20 26 =2  
 GLU: 13 18 23 27 37 =5  
 PHE: 50 51 =2  
 GLY: 15 52 =2  
 HIS: 34 =1  
 ILE: 28 =1  
 LYS: 7 =1  
 LEU: 12 24 29 38 45 =5  
 MET: 6 =1  
 ASN: 17 =1  
 PRO: 2 46 =2  
 GLN: 4 5 =2  
 ARG: 10 =1  
 SER: 39 =1  
 THR: 8 33 41 =3  
 VAL: 19 32 =2  
 TYR: 3 31 35 =3  
 OUT: 9 16 42 =3

DEPROTECTION	DATE ____/____/____	CHECK	MADE BY	REVIEWED BY
4MP 20% TritonX100 1%/DMF (2x1')				
Wash DMF (3x1')				
Wash IPA (1x1')				
Wash BPB 1%/DMF (1x2')				
Wash DMF (2x1')				
Wash DCM (1x1')				

Coupling Cycle	DATE	HOUR	MADE BY	REVIEWED BY
AA+HBTU+OXYMA+DIPEA				
Single (5:5:5:7,5)	____/____/____	__:__:__		
AA+HCTU+OXYMA+DIPEA				
Double (5:5:5:7,5)	____/____/____	__:__:__		
AA+DIC+OXYMA				
Triple (5:5:5)	____/____/____	__:__:__		

After coupling cycle, before checking the BPB test, wash DMF (2x1')

2:PRO 19:VAL 37:GLU  
 3:TYR 20:ASP 38:LEU  
 4:GLN 22:ALA 39:SER  
 5:GLN 23:GLU 40:ALA  
 6:MET 24:LEU 41:THR  
 7:LYS 26:ASP 42:OUT  
 8:THR 27:GLU 45:LEU  
 9:OUT 28:ILE 46:PRO  
 10:ARG 29:LEU 48:ALA  
 12:LEU 31:TYR 49:ALA  
 13:GLU 32:VAL 50:PHE  
 15:GLY 33:THR 51:PHE  
 16:OUT 34:HIS 52:GLY  
 17:ASN 35:TYR  
 18:GLU 36:ALA

## COUPLING NUMBER 13

ALA: 13 34 =**2**  
 ASP: 5 51 =**2**  
 GLU: 7 =**1**  
 GLY: 28 =**1**  
 ILE: 10 =**1**  
 LYS: 29 32 35 39 52 =**5**  
 LEU: 19 20 26 27 33 37 =**6**  
 ASN: 3 17 18 45 =**4**  
 PRO: 8 36 38 =**3**  
 GLN: 12 31 49 =**3**  
 ARG: 22 50 =**2**  
 SER: 2 6 40 =**3**  
 THR: 46 =**1**  
 VAL: 15 23 =**2**  
 TYR: 4 =**1**  
 OUT: 24 41 48 =**3**

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x10')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (3x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash IPA (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash BPB 1%/DMF (1x2') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_


Wash DCM (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY


AA+HBTU+OXYMA+DIPEA


Single (5:5:5:7,5) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') 

2:SER    22:ARG    39:LYS  
 3:ASN    23:VAL    40:SER  
 4:TYR    24:OUT    41:OUT  
 5:ASP    26:LEU    45:ASN  
6:SER    27:LEU    46:THR  
7:GLU    28:GLY    48:OUT  
 8:PRO    29:LYS    49:GLN  
 10:ILE    31:GLN    50:ARG  
 12:GLN    32:LYS    51:ASP  
 13:ALA    33:LEU    52:LYS  
 15:VAL    34:ALA  
17:ASN    35:LYS  
 18:ASN    36:PRO  
 19:LEU    37:LEU  
 20:LEU    38:PRO

## COUPLING NUMBER 14

ALA: 15 34 =**2**  
 ASP: 19 33 =**2**  
 GLU: 13 =**1**  
 HIS: 32 =**1**  
 ILE: 12 =**1**  
 LYS: 22 27 28 31 37 =**5**  
 LEU: 10 18 38 =**3**  
 PRO: 36 =**1**  
 GLN: 4 26 =**2**  
 ARG: 5 51 =**2**  
 SER: 8 23 50 =**3**  
 THR: 2 3 =**2**  
 VAL: 20 39 40 =**3**  
 OUT: 6 7 17 29 35 45 46 49 52 =**9**

DEPROTECTION	DATE ____/____/____	CHECK	MADE BY	REVIEWED BY
4MP 20% TritonX100 1%/DMF (2x10')				
Wash DMF (3x1')				
Wash IPA (1x1')				
Wash BPB 1%/DMF (1x2')				
Wash DMF (2x1')				
Wash DCM (1x1')				

Coupling Cycle	DATE	HOUR	MADE BY	REVIEWED BY
AA+HBTU+OXYMA+DIPEA				
Single (5:5:5:7,5)				
AA+HCTU+OXYMA+DIPEA				
Double (5:5:5:7,5)				
AA+DIC+OXYMA				
Triple (5:5:5)				

After coupling cycle, before checking the BPB test, wash DMF (2x1')

2:THR	22:LYS	40:VAL
3:THR	23:SER	45:OUT
4:GLN	26:GLN	46:OUT
5:ARG	27:LYS	49:OUT
6:OUT	28:LYS	50:SER
7:OUT	29:OUT	51:ARG
8:SER	31:LYS	52:OUT
10:LEU	32:HIS	
12:ILE	33:ASP	
13:GLU	34:ALA	
15:ALA	35:OUT	
17:OUT	36:PRO	
18:LEU	37:LYS	
19:ASP	38:LEU	
20:VAL	39:VAL	

## COUPLING NUMBER 15

ALA: 27 51 =2  
 ASP: 20 =1  
 GLU: 28 =1  
 PHE: 33 37 =2  
 GLY: 38 =1  
 HIS: 31 =1  
 ILE: 3 =1  
 LYS: 50 =1  
 LEU: 8 34 40 =3  
 PRO: 39 =1  
 GLN: 32 =1  
 ARG: 19 22 =2  
 SER: 2 10 12 23 36 =5  
 VAL: 4 =1  
 OUT: 5 13 15 18 26 =5

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF(2x10') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF(3x1') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash IPA(1x1')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash BPB 1%/DMF(1x2')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF(2x1') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DCM(1x1')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY

AA+HBTU+OXYMA+DIPEA

Single (5:5:5:7,5)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5) (C)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5) (C)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF(2x1') (C)

2:SER      27:ALA

3:ILE      28:GLU

4:VAL      31:HIS

5:OUT      32:GLN

8:LEU      33:PHE

10:SER      34:LEU

12:SER      36:SER

13:OUT      37:PHE

15:OUT      38:GLY

18:OUT      39:PRO

19:ARG      40:LEU

20:ASP      50:LYS

22:ARG      51:ALA

23:SER

26:OUT

## COUPLING NUMBER 16

ASP: 23 =1  
 GLU: 20 =1  
 GLY: 40 =1  
 ILE: 28 =1  
 LYS: 4 22 =2  
 LEU: 19 =1  
 ASN: 34 =1  
 PRO: 12 33 36 =3  
 GLN: 32 =1  
 ARG: 2 =1  
 SER: 8 =1  
 THR: 39 =1  
 VAL: 31 38 =2  
 TYR: 37 =1  
 OUT: 3 10 27 50 51 =5

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x1') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (3x1') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash IPA (1x1')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash BPB 1%/DMF (1x2')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (2x1') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DCM (1x1')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY

AA+HBTU+OXYMA+DIPEA

Single (5:5:5:7,5)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5) (C)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5) (C)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') (C)

2:ARG      34:ASN

3:OUT      36:PRO

4:LYS      37:TYR

8:SER      38:VAL

10:OUT      39:THR

12:PRO      40:GLY

19:LEU      50:OUT

20:GLU      51:OUT

22:LYS

23:ASP

27:OUT

28:ILE

31:VAL

32:GLN

33:PRO



## COUPLING NUMBER 17

ASP: 31 =1  
 LEU: 22 34 =2  
 ASN: 20 =1  
 PRO: 40 =1  
 ARG: 8 36 =2  
 SER: 4 19 23 38 =4  
 THR: 33 =1  
 TRP: 2 =1  
 TYR: 12 =1  
 OUT: 28 32 37 39 =4

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x10') (C) | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (3x1') (C) | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash IPA (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash BPB 1%/DMF (1x2') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (2x1') (C) | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DCM (1x1') | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY

AA+HBTU+OXYMA+DIPEA

Single (5:5:5:7,5) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_ | \_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5) (C) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_ | \_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5) (C) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_ | \_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') (C)

2:TRP      38:SER

4:SER      39:OUT

8:ARG      40:PRO

12:TYR

19:SER

20:ASN

22:LEU

23:SER

28:OUT

31:ASP

32:OUT

33:THR

34:LEU

36:ARG

37:OUT

## COUPLING NUMBER 18

ASP: 40 =1  
 PHE: 12 =1  
 GLY: 34 38 =2  
 GLN: 8 =1  
 SER: 4 =1  
 THR: 31 =1  
 VAL: 2 =1  
 OUT: 19 20 22 23 33 36 =6

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x10') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (3x1') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash IPA (1x1')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash BPB 1%/DMF (1x2')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DMF (2x1') (C)      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Wash DCM (1x1')      | \_\_\_\_ | \_\_\_\_ | \_\_\_\_ | \_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY

AA+HBTU+OXYMA+DIPEA

Single (5:5:5:7,5)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5) (C)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5) (C)      | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') (C)

2:VAL

4:SER

8:GLN

12:PHE

19:OUT

20:OUT

22:OUT

23:OUT

31:THR

33:OUT

34:GLY

36:OUT

38:GLY

40:ASP

## COUPLING NUMBER 19

PHE: 4 =1  
 LEU: 8 =1  
 PRO: 31 =1  
 OUT: 2 12 34 38 40 =5

DEPROTECTION	DATE ____/____/____	CHECK	MADE BY	REVIEWED BY
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4MP 20% TritonX100 1%/DMF (2x10')				
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Wash DMF (3x1')				
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Wash IPA (1x1')				
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Wash BPB 1%/DMF (1x2')				
------------------------	--	--	--	--

Wash DMF (2x1')				
-----------------	--	--	--	--

Wash DCM (1x1')				
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Coupling Cycle	DATE	HOUR	MADE BY	REVIEWED BY
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AA+HBTU+OXYMA+DIPEA

Single (5:5:5:7,5)	____/____/____	__:__:__		
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AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5)	____/____/____	__:__:__		
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AA+DIC+OXYMA

Triple (5:5:5)	____/____/____	__:__:__		
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After coupling cycle, before checking the BPB test, wash DMF (2x1')

2:OUT

4:PHE

8:LEU

12:OUT

31:PRO

34:OUT

38:OUT

40:OUT

## COUPLING NUMBER 20

SER: 31 =1  
 THR: 4 =1  
 OUT: 8 =1

DEPROTECTION      DATE \_\_\_\_/\_\_\_\_/\_\_\_\_      CHECK      MADE BY      REVIEWED BY

4MP 20% TritonX100 1%/DMF (2x10')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_\_

Wash DMF (3x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_\_

Wash IPA (1x1') | \_\_\_\_\_ | \_\_\_\_\_

Wash BPB 1%/DMF (1x2') | \_\_\_\_\_ | \_\_\_\_\_

Wash DMF (2x1')  | \_\_\_\_ | \_\_\_\_ | \_\_\_\_\_


Wash DCM (1x1') | \_\_\_\_\_ | \_\_\_\_\_

Coupling Cycle      DATE      HOUR      MADE BY      REVIEWED BY


AA+HBTU+OXYMA+DIPEA


Single (5:5:5:7,5) | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_\_

AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_\_

AA+DIC+OXYMA

Triple (5:5:5)  | \_\_\_\_/\_\_\_\_/\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_:\_\_\_\_ | \_\_\_\_\_

After coupling cycle, before checking the BPB test, wash DMF (2x1') 

4:THR  
8:OUT  
31:SER

COUPLING NUMBER 21

OUT: 4 31 =2

DEPROTECTION	DATE ____/____/____	CHECK	MADE BY	REVIEWED BY
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4MP 20% TritonX100 1%/DMF (2x10')				
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Wash DMF (3x1')				
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Wash IPA (1x1')				
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Wash BPB 1%/DMF (1x2')				
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Wash DMF (2x1')				
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Wash DCM (1x1')				
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Coupling Cycle	DATE	HOUR	MADE BY	REVIEWED BY
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AA+HBTU+OXYMA+DIPEA

Single (5:5:5:7,5)	____/____/____	__:__:__		
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AA+HCTU+OXYMA+DIPEA

Double (5:5:5:7,5)	____/____/____	__:__:__		
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AA+DIC+OXYMA

Triple (5:5:5)	____/____/____	__:__:__		
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After coupling cycle, before checking the BPB test, wash DMF (2x1')

4:OUT

31:OUT