**Active Motif**
**MODified™ Histone Peptide Array***
**Catalog Nos. 13001 & 13005**

| *Modification number* | *Peptide location* | *Peptide sequence* | *to array* | *name* | *Mod1* | *Mod2* | *Mod 3* | *Mod 4* | *N-terminus* |
|---|---|---|---|---|---|---|---|---|---|
| 1 | A 1 | A R T K Q T A R K S T G G K A P R K Q | ► | H3 1-19 | unmod | | | | free |
| 2 | A 2 | A Rme2s T K Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | | | | free |
| 3 | A 3 | A Rme2a T K Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | | | | free |
| 4 | A 4 | A Cit T K Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2Citr | | | | free |
| 5 | A 5 | A R pT K Q T A R K S T G G K A P R K Q | ► | H3 1-19 | T3P | | | | free |
| 6 | A 6 | A R T Kme1 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | K4me1 | | | | free |
| 7 | A 7 | A R T Kme2 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | K4me2 | | | | free |
| 8 | A 8 | A R T Kme3 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | K4me3 | | | | free |
| 9 | A 9 | A R T Kac Q T A R K S T G G K A P R K Q | ► | H3 1-19 | K4ac | | | | free |
| 10 | A10 | A R T K Q T A Rme2s K S T G G K A P R K Q | ► | H3 1-19 | R8me2s | | | | free |
| 11 | A11 | A R T K Q T A Rme2a K S T G G K A P R K Q | ► | H3 1-19 | R8me2a | | | | free |
| 12 | A12 | A R T K Q T A Cit K S T G G K A P R K Q | ► | H3 1-19 | R8Citr | | | | free |
| 13 | A13 | A R T K Q T A R Kme1 S T G G K A P R K Q | ► | H3 1-19 | K9me1 | | | | free |
| 14 | A14 | A R T K Q T A R Kme2 S T G G K A P R K Q | ► | H3 1-19 | K9me2 | | | | free |
| 15 | A15 | A R T K Q T A R Kme3 S T G G K A P R K Q | ► | H3 1-19 | K9me3 | | | | free |
| 16 | A16 | A R T K Q T A R Kac S T G G K A P R K Q | ► | H3 1-19 | K9ac | | | | free |
| 17 | A17 | A R T K Q T A R K pS T G G K A P R K Q | ► | H3 1-19 | S10P | | | | free |
| 18 | A18 | A R T K Q T A R K S pT G G K A P R K Q | ► | H3 1-19 | T11P | | | | free |
| 19 | A19 | A R T K Q T A R K S T G G Kac A P R K Q | ► | H3 1-19 | K14ac | | | | free |
| 20 | A20 | A Rme2s pT K Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | T3P | | | free |
| 21 | A21 | A Rme2s T Kme1 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | | | free |
| 22 | A22 | A Rme2s T Kme2 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | | | free |
| 23 | A23 | A Rme2s T Kme3 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | | | free |
| 24 | A24 | A Rme2s T Kac Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | | | free |
| 25 | B 1 | A Rme2a pT K Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | T3P | | | free |
| 26 | B 2 | A Rme2a T Kme1 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | | | free |
| 27 | B 3 | A Rme2a T Kme2 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | | | free |
| 28 | B 4 | A Rme2a T Kme3 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | | | free |
| 29 | B 5 | A Rme2a T Kac Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | | | free |
| 30 | B 6 | A Cit pT K Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2Citr | T3P | | | free |
| 31 | B 7 | A Cit T Kme1 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2Citr | K4me1 | | | free |
| 32 | B 8 | A Cit T Kme2 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2Citr | K4me2 | | | free |
| 33 | B 9 | A Cit T Kme3 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2Citr | K4me3 | | | free |
| 34 | B10 | A Cit T Kac Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2Citr | K4ac | | | free |
| 35 | B11 | A R pT Kme1 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | T3P | K4me1 | | | free |
| 36 | B12 | A R pT Kme2 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | T3P | K4me2 | | | free |
| 37 | B13 | A R pT Kme3 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | T3P | K4me3 | | | free |
| 38 | B14 | A R pT Kac Q T A R K S T G G K A P R K Q | ► | H3 1-19 | T3P | K4ac | | | free |
| 39 | B15 | A Rme2s pT Kme1 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | T3P | K4me1 | | free |
| 40 | B16 | A Rme2s pT Kme2 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | T3P | K4me2 | | free |
| 41 | B17 | A Rme2s pT Kme3 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | T3P | K4me3 | | free |
| 42 | B18 | A Rme2s pT Kac Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | T3P | K4ac | | free |
| 43 | B19 | A Rme2a pT Kme1 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | T3P | K4me1 | | free |
| 44 | B20 | A Rme2a pT Kme2 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | T3P | K4me2 | | free |
| 45 | B21 | A Rme2a pT Kme3 Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | T3P | K4me3 | | free |
| 46 | B22 | A Rme2a pT Kac Q T A R K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | T3P | K4ac | | free |
| 47 | B23 | A R T K Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | R8me2s | K9me1 | | | free |
| 48 | B24 | A R T K Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | R8me2s | K9me2 | | | free |
| 49 | C 1 | A R T K Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | R8me2s | K9me3 | | | free |
| 50 | C 2 | A R T K Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | R8me2s | K9ac | | | free |
| 51 | C 3 | A R T K Q T A Rme2a K pS T G G K A P R K Q | ► | H3 1-19 | R8me2s | S10P | | | free |
| 52 | C 4 | A R T K Q T A Rme2a K S pT G G K A P R K Q | ► | H3 1-19 | R8me2s | T11P | | | free |
| 53 | C 5 | A R T K Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me1 | | | free |
| 54 | C 6 | A R T K Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me2 | | | free |
| 55 | C 7 | A R T K Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me3 | | | free |
| 56 | C 8 | A R T K Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | R8me2a | K9ac | | | free |
| 57 | C 9 | A R T K Q T A Rme2a K pS T G G K A P R K Q | ► | H3 1-19 | R8me2a | S10P | | | free |
| 58 | C10 | A R T K Q T A Rme2a K S pT G G K A P R K Q | ► | H3 1-19 | R8me2a | T11P | | | free |
| 59 | C11 | A R T K Q T A Cit Kme1 S T G G K A P R K Q | ► | H3 1-19 | R8Citr | K9me1 | | | free |
| 60 | C12 | A R T K Q T A Cit Kme2 S T G G K A P R K Q | ► | H3 1-19 | R8Citr | K9me2 | | | free |
| 61 | C13 | A R T K Q T A Cit Kme3 S T G G K A P R K Q | ► | H3 1-19 | R8Citr | K9me3 | | | free |
| 62 | C14 | A R T K Q T A Cit Kac S T G G K A P R K Q | ► | H3 1-19 | R8Citr | K9ac | | | free |
| 63 | C15 | A R T K Q T A Cit K pS T G G K A P R K Q | ► | H3 1-19 | R8Citr | S10P | | | free |
| 64 | C16 | A R T K Q T A Cit K S pT G G K A P R K Q | ► | H3 1-19 | R8Citr | T11P | | | free |
| 65 | C17 | A R T K Q T A R Kme1 pS T G G K A P R K Q | ► | H3 1-19 | K9me1 | S10P | | | free |
| 66 | C18 | A R T K Q T A R Kme1 S pT G G K A P R K Q | ► | H3 1-19 | K9me1 | T11P | | | free |
| 67 | C19 | A R T K Q T A R Kme1 S T G G Kac A P R K Q | ► | H3 1-19 | K9me1 | K14ac | | | free |
| 68 | C20 | A R T K Q T A R Kme2 pS T G G K A P R K Q | ► | H3 1-19 | K9me2 | S10P | | | free |
| 69 | C21 | A R T K Q T A R Kme2 S pT G G K A P R K Q | ► | H3 1-19 | K9me2 | T11P | | | free |
| 70 | C22 | A R T K Q T A R Kme2 S T G G Kac A P R K Q | ► | H3 1-19 | K9me2 | K14ac | | | free |
| 71 | C23 | A R T K Q T A R Kme3 pS T G G K A P R K Q | ► | H3 1-19 | K9me3 | S10P | | | free |
| 72 | C24 | A R T K Q T A R Kme3 S pT G G K A P R K Q | ► | H3 1-19 | K9me3 | T11P | | | free |
| 73 | D 1 | A R T K Q T A R Kme3 S T G G Kac A P R K Q | ► | H3 1-19 | K9me3 | K14ac | | | free |
| 74 | D 2 | A R T K Q T A R Kac pS T G G K A P R K Q | ► | H3 1-19 | K9ac | S10P | | | free |
| 75 | D 3 | A R T K Q T A R Kac S pT G G K A P R K Q | ► | H3 1-19 | K9ac | T11P | | | free |
| 76 | D 4 | A R T K Q T A R Kac S T G G Kac A P R K Q | ► | H3 1-19 | K9ac | K14ac | | | free |
| 77 | D 5 | A R T K Q T A R K pS pT G G K A P R K Q | ► | H3 1-19 | S10P | T11P | | | free |
| 78 | D 6 | A R T K Q T A R K pS T G G Kac A P R K Q | ► | H3 1-19 | S10P | K14ac | | | free |
| 79 | D 7 | A R T K Q T A R K S pT G G Kac A P R K Q | ► | H3 1-19 | T11P | K14ac | | | free |
| 80 | D 8 | A R T K Q T A Rme2s Kme1 pS T G G K A P R K Q | ► | H3 1-19 | R8me2s | K9me1 | S10P | | free |
| 81 | D 9 | A R T K Q T A Rme2s Kme2 pS T G G K A P R K Q | ► | H3 1-19 | R8me2s | K9me2 | S10P | | free |
| 82 | D10 | A R T K Q T A Rme2s Kme3 pS T G G K A P R K Q | ► | H3 1-19 | R8me2s | K9me3 | S10P | | free |
| 83 | D11 | A R T K Q T A Rme2s Kac pS T G G K A P R K Q | ► | H3 1-19 | R8me2s | K9ac | S10P | | free |
| 84 | D12 | A R T K Q T A Rme2s Kme1 S pT G G K A P R K Q | ► | H3 1-19 | R8me2s | K9me1 | T11P | | free |
| 85 | D13 | A R T K Q T A Rme2s Kme2 S pT G G K A P R K Q | ► | H3 1-19 | R8me2s | K9me2 | T11P | | free |
| 86 | D14 | A R T K Q T A Rme2s Kme3 S pT G G K A P R K Q | ► | H3 1-19 | R8me2s | K9me3 | T11P | | free |
| 87 | D15 | A R T K Q T A Rme2s Kac S pT G G K A P R K Q | ► | H3 1-19 | R8me2s | K9ac | T11P | | free |
| 88 | D16 | A R T K Q T A Rme2a Kme1 pS T G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me1 | S10P | | free |
| 89 | D17 | A R T K Q T A Rme2a Kme2 pS T G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me2 | S10P | | free |
| 90 | D18 | A R T K Q T A Rme2a Kme3 pS T G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me3 | S10P | | free |
| 91 | D19 | A R T K Q T A Rme2a Kac pS T G G K A P R K Q | ► | H3 1-19 | R8me2a | K9ac | S10P | | free |
| 92 | D20 | A R T K Q T A Rme2a Kme1 S pT G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me1 | T11P | | free |
| 93 | D21 | A R T K Q T A Rme2a Kme2 S pT G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me2 | T11P | | free |

| *Modification number* | *Peptide location* | *Peptide sequence* | *to array* | *name* | *Mod1* | *Mod2* | *Mod 3* | *Mod 4* | *N-terminus* |
|---|---|---|---|---|---|---|---|---|---|
| 94 | D22 | A R T K Q T A Rme2a Kme3 S pT G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me3 | T11P | | free |
| 95 | D23 | A R T K Q T A Rme2a Kac S pT G G K A P R K Q | ► | H3 1-19 | R8me2a | K9ac | T11P | | free |
| 96 | D24 | A R T K Q T A Rme2a Kme1 pS pT G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me1 | S10P | T11P | free |
| 97 | E 1 | A R T K Q T A Rme2a Kme2 pS pT G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me2 | S10P | T11P | free |
| 98 | E 2 | A R T K Q T A Rme2a Kme3 pS pT G G K A P R K Q | ► | H3 1-19 | R8me2a | K9me3 | S10P | T11P | free |
| 99 | E 3 | A R T K Q T A Rme2a Kac pS pT G G K A P R K Q | ► | H3 1-19 | R8me2a | K9ac | S10P | T11P | free |
| 100 | E 4 | A Rme2s T Kme1 Q T A Rme2s K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | R8me2s | | free |
| 101 | E 5 | A Rme2s T Kme2 Q T A Rme2s K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | R8me2s | | free |
| 102 | E 6 | A Rme2s T Kme3 Q T A Rme2s K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | R8me2s | | free |
| 103 | E 7 | A Rme2s T Kac Q T A Rme2s K S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | R8me2s | | free |
| 104 | E 8 | A Rme2a T Kme1 Q T A Rme2a K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | R8me2a | | free |
| 105 | E 9 | A Rme2a T Kme2 Q T A Rme2a K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | R8me2a | | free |
| 106 | E10 | A Rme2a T Kme3 Q T A Rme2a K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | R8me2a | | free |
| 107 | E11 | A Rme2a T Kac Q T A Rme2a K S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | R8me2a | | free |
| 108 | E12 | A Rme2s T Kme1 Q T A R Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | K9me1 | | free |
| 109 | E13 | A Rme2s T Kme2 Q T A R Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | K9me1 | | free |
| 110 | E14 | A Rme2s T Kme3 Q T A R Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | K9me1 | | free |
| 111 | E15 | A Rme2s T Kac Q T A R Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | K9me1 | | free |
| 112 | E16 | A Rme2a T Kme1 Q T A R Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | K9me2 | | free |
| 113 | E17 | A Rme2a T Kme2 Q T A R Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | K9me2 | | free |
| 114 | E18 | A Rme2a T Kme3 Q T A R Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | K9me2 | | free |
| 115 | E19 | A Rme2a T Kac Q T A R Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | K9me2 | | free |
| 116 | E20 | A Rme2s T Kme1 Q T A R Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | K9me3 | | free |
| 117 | E21 | A Rme2s T Kme2 Q T A R Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | K9me3 | | free |
| 118 | E22 | A Rme2s T Kme3 Q T A R Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | K9me3 | | free |
| 119 | E23 | A Rme2s T Kac Q T A R Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | K9me3 | | free |
| 120 | E24 | A Rme2a T Kme1 Q T A R Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | K9ac | | free |
| 121 | F 1 | A Rme2a T Kme2 Q T A R Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | K9ac | | free |
| 122 | F 2 | A Rme2a T Kme3 Q T A R Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | K9ac | | free |
| 123 | F 3 | A Rme2a T Kac Q T A R Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | K9ac | | free |
| 124 | F 4 | A R T Kme1 Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | K4me1 | R8me2s | K9me1 | | free |
| 125 | F 5 | A R T Kme2 Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | K4me2 | R8me2s | K9me1 | | free |
| 126 | F 6 | A R T Kme3 Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | K4me3 | R8me2s | K9me1 | | free |
| 127 | F 7 | A R T Kac Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | K4ac | R8me2s | K9me1 | | free |
| 128 | F 8 | A R T Kme1 Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | K4me1 | R8me2a | K9me1 | | free |
| 129 | F 9 | A R T Kme2 Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | K4me2 | R8me2a | K9me1 | | free |
| 130 | F10 | A R T Kme3 Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | K4me3 | R8me2a | K9me1 | | free |
| 131 | F11 | A R T Kac Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | K4ac | R8me2a | K9me1 | | free |
| 132 | F12 | A R T Kme1 Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | K4me1 | R8me2s | K9me2 | | free |
| 133 | F13 | A R T Kme2 Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | K4me2 | R8me2s | K9me2 | | free |
| 134 | F14 | A R T Kme3 Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | K4me3 | R8me2s | K9me2 | | free |
| 135 | F15 | A R T Kac Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | K4ac | R8me2s | K9me2 | | free |
| 136 | F16 | A R T Kme1 Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | K4me1 | R8me2a | K9me2 | | free |
| 137 | F17 | A R T Kme2 Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | K4me2 | R8me2a | K9me2 | | free |
| 138 | F18 | A R T Kme3 Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | K4me3 | R8me2a | K9me2 | | free |
| 139 | F19 | A R T Kac Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | K4ac | R8me2a | K9me2 | | free |
| 140 | F20 | A R T Kme1 Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | K4me1 | R8me2s | K9me3 | | free |
| 141 | F21 | A R T Kme2 Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | K4me2 | R8me2s | K9me3 | | free |
| 142 | F22 | A R T Kme3 Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | K4me3 | R8me2s | K9me3 | | free |
| 143 | F23 | A R T Kac Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | K4ac | R8me2s | K9me3 | | free |
| 144 | F24 | A R T Kme1 Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | K4me1 | R8me2a | K9me3 | | free |
| 145 | G 1 | A R T Kme2 Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | K4me2 | R8me2a | K9me3 | | free |
| 146 | G 2 | A R T Kme3 Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | K4me3 | R8me2a | K9me3 | | free |
| 147 | G 3 | A R T Kac Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | K4ac | R8me2a | K9me3 | | free |
| 148 | G 4 | A R T Kme1 Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | K4me1 | R8me2s | K9ac | | free |
| 149 | G 5 | A R T Kme2 Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | K4me2 | R8me2s | K9ac | | free |
| 150 | G 6 | A R T Kme3 Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | K4me3 | R8me2s | K9ac | | free |
| 151 | G 7 | A R T Kac Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | K4ac | R8me2s | K9ac | | free |
| 152 | G 8 | A R T Kme1 Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | K4me1 | R8me2a | K9ac | | free |
| 153 | G 9 | A R T Kme2 Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | K4me2 | R8me2a | K9ac | | free |
| 154 | G10 | A R T Kme3 Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | K4me3 | R8me2a | K9ac | | free |
| 155 | G11 | A R T Kac Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | K4ac | R8me2a | K9ac | | free |
| 156 | G12 | A Rme2s T Kme1 Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | R8me2s | K9me1 | free |
| 157 | G13 | A Rme2s T Kme2 Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | R8me2s | K9me1 | free |
| 158 | G14 | A Rme2s T Kme3 Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | R8me2s | K9me1 | free |
| 159 | G15 | A Rme2s T Kac Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | R8me2s | K9me1 | free |
| 160 | G16 | A Rme2a T Kme1 Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | R8me2s | K9me1 | free |
| 161 | G17 | A Rme2a T Kme2 Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | R8me2s | K9me1 | free |
| 162 | G18 | A Rme2a T Kme3 Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | R8me2s | K9me1 | free |
| 163 | G19 | A Rme2a T Kac Q T A Rme2s Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | R8me2s | K9me1 | free |
| 164 | G20 | A Rme2s T Kme1 Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | R8me2s | K9me2 | free |
| 165 | G21 | A Rme2s T Kme2 Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | R8me2s | K9me2 | free |
| 166 | G22 | A Rme2s T Kme3 Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | R8me2s | K9me2 | free |
| 167 | G23 | A Rme2s T Kac Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | R8me2s | K9me2 | free |
| 168 | G24 | A Rme2a T Kme1 Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | R8me2s | K9me2 | free |
| 169 | H 1 | A Rme2a T Kme2 Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | R8me2s | K9me2 | free |
| 170 | H 2 | A Rme2a T Kme3 Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | R8me2s | K9me2 | free |
| 171 | H 3 | A Rme2a T Kac Q T A Rme2s Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | R8me2s | K9me2 | free |
| 172 | H 4 | A Rme2s T Kme1 Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | R8me2s | K9me3 | free |
| 173 | H 5 | A Rme2s T Kme2 Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | R8me2s | K9me3 | free |
| 174 | H 6 | A Rme2s T Kme3 Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | R8me2s | K9me3 | free |
| 175 | H 7 | A Rme2s T Kac Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | R8me2s | K9me3 | free |
| 176 | H 8 | A Rme2a T Kme1 Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | R8me2s | K9me3 | free |
| 177 | H 9 | A Rme2a T Kme2 Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | R8me2s | K9me3 | free |
| 178 | H10 | A Rme2a T Kme3 Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | R8me2s | K9me3 | free |
| 179 | H11 | A Rme2a T Kac Q T A Rme2s Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | R8me2s | K9me3 | free |
| 180 | H12 | A Rme2s T Kme1 Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | R8me2s | K9ac | free |
| 181 | H13 | A Rme2s T Kme2 Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | R8me2s | K9ac | free |
| 182 | H14 | A Rme2s T Kme3 Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | R8me2s | K9ac | free |
| 183 | H15 | A Rme2s T Kac Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | R8me2s | K9ac | free |
| 184 | H16 | A Rme2a T Kme1 Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | R8me2s | K9ac | free |
| 185 | H17 | A Rme2a T Kme2 Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | R8me2s | K9ac | free |
| 186 | H18 | A Rme2a T Kme3 Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | R8me2s | K9ac | free |

**Active Motif**
**MODified™ Histone Peptide Array***
**Catalog Nos. 13001 & 13005**

| *Modification number* | *Peptide location* | *Peptide sequence* | *to array* | *name* | *Mod1* | *Mod2* | *Mod 3* | *Mod 4* | *N-terminus* |
|---|---|---|---|---|---|---|---|---|---|
| 187 | H19 | A Rme2a T Kac Q T A Rme2s Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | R8me2s | K9ac | free |
| 188 | H20 | A Rme2s T Kme1 Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | R8me2a | K9me1 | free |
| 189 | H21 | A Rme2s T Kme2 Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | R8me2a | K9me1 | free |
| 190 | H22 | A Rme2s T Kme3 Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | R8me2a | K9me1 | free |
| 191 | H23 | A Rme2s T Kac Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | R8me2a | K9me1 | free |
| 192 | H24 | A Rme2a T Kme1 Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | R8me2a | K9me1 | free |
| 193 | I 1 | A Rme2a T Kme2 Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | R8me2a | K9me1 | free |
| 194 | I 2 | A Rme2a T Kme3 Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | R8me2a | K9me1 | free |
| 195 | I 3 | A Rme2a T Kac Q T A Rme2a Kme1 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | R8me2a | K9me1 | free |
| 196 | I 4 | A Rme2s T Kme1 Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | R8me2a | K9me2 | free |
| 197 | I 5 | A Rme2s T Kme2 Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | R8me2a | K9me2 | free |
| 198 | I 6 | A Rme2s T Kme3 Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | R8me2a | K9me2 | free |
| 199 | I 7 | A Rme2s T Kac Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | R8me2a | K9me2 | free |
| 200 | I 8 | A Rme2a T Kme1 Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | R8me2a | K9me2 | free |
| 201 | I 9 | A Rme2a T Kme2 Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | R8me2a | K9me2 | free |
| 202 | I10 | A Rme2a T Kme3 Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | R8me2a | K9me2 | free |
| 203 | I11 | A Rme2a T Kac Q T A Rme2a Kme2 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | R8me2a | K9me2 | free |
| 204 | I12 | A Rme2s T Kme1 Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | R8me2a | K9me3 | free |
| 205 | I13 | A Rme2s T Kme2 Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | R8me2a | K9me3 | free |
| 206 | I14 | A Rme2s T Kme3 Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | R8me2a | K9me3 | free |
| 207 | I15 | A Rme2s T Kac Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | R8me2a | K9me3 | free |
| 208 | I16 | A Rme2a T Kme1 Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | R8me2a | K9me3 | free |
| 209 | I17 | A Rme2a T Kme2 Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | R8me2a | K9me3 | free |
| 210 | I18 | A Rme2a T Kme3 Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | R8me2a | K9me3 | free |
| 211 | I19 | A Rme2a T Kac Q T A Rme2a Kme3 S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | R8me2a | K9me3 | free |
| 212 | I20 | A Rme2s T Kme1 Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me1 | R8me2a | K9ac | free |
| 213 | I21 | A Rme2s T Kme2 Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me2 | R8me2a | K9ac | free |
| 214 | I22 | A Rme2s T Kme3 Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4me3 | R8me2a | K9ac | free |
| 215 | I23 | A Rme2s T Kac Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2s | K4ac | R8me2a | K9ac | free |
| 216 | I24 | A Rme2a T Kme1 Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me1 | R8me2a | K9ac | free |
| 217 | J 1 | A Rme2a T Kme2 Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me2 | R8me2a | K9ac | free |
| 218 | J 2 | A Rme2a T Kme3 Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4me3 | R8me2a | K9ac | free |
| 219 | J 3 | A Rme2a T Kac Q T A Rme2a Kac S T G G K A P R K Q | ► | H3 1-19 | R2me2a | K4ac | R8me2a | K9ac | free |
| 220 | J 4 | A R K S T G G K A P R K Q L A T K A A R | ► | H3 7-26 | unmod | | | | acetylated |
| 221 | J 5 | A R K S T G G Kac A P R K Q L A T K A A R | ► | H3 7-26 | K14ac | | | | acetylated |
| 222 | J 6 | A R K pS T G G Kac A P R K Q L A T K A A R | ► | H3 7-26 | K14ac | S10P | | | acetylated |
| 223 | J 7 | A R K S pT G G Kac A P R K Q L A T K A A R | ► | H3 7-26 | K14ac | T11P | | | acetylated |
| 224 | J 8 | A R K S T G G K A P Rme2s K Q L A T K A A R | ► | H3 7-26 | R17me2s | | | | acetylated |
| 225 | J 9 | A R K S T G G K A P Rme2a K Q L A T K A A R | ► | H3 7-26 | R17me2a | | | | acetylated |
| 226 | J10 | A R K S T G G K A P Cit K Q L A T K A A R | ► | H3 7-26 | R17Citr | | | | acetylated |
| 227 | J11 | A R K S T G G K A P R Kac Q L A T K A A R | ► | H3 7-26 | K18ac | | | | acetylated |
| 228 | J12 | A R K S T G G Kac A P Rme2s K Q L A T K A A R | ► | H3 7-26 | K14ac | R17me2s | | | acetylated |
| 229 | J13 | A R K S T G G Kac A P Rme2a K Q L A T K A A R | ► | H3 7-26 | K14ac | R17me2a | | | acetylated |
| 230 | J14 | A R K S T G G Kac A P R Kac Q L A T K A A R | ► | H3 7-26 | K14ac | K18ac | | | acetylated |
| 231 | J15 | A R K S T G G K A P Rme2s Kac Q L A T K A A R | ► | H3 7-26 | R17me2s | K18ac | | | acetylated |
| 232 | J16 | A R K S T G G K A P Rme2a Kac Q L A T K A A R | ► | H3 7-26 | R17me2a | K18ac | | | acetylated |
| 233 | J17 | A R K S T G G K A P Cit Kac Q L A T K A A R | ► | H3 7-26 | R17Citr | K18ac | | | acetylated |
| 234 | J18 | A R K S T G G Kac A P Rme2s Kac Q L A T K A A R | ► | H3 7-26 | K14ac | R17me2s | K18ac | | acetylated |
| 235 | J19 | A R K S T G G Kac A P Rme2a Kac Q L A T K A A R | ► | H3 7-26 | K14ac | R17me2a | K18ac | | acetylated |
| 236 | J20 | P R K Q L A T K A A R K S A P A T G G | ► | H3 16-35 | unmod | | | | acetylated |
| 237 | J21 | P R K Q L A T K A A Rme2s K S A P A T G G | ► | H3 16-35 | R26me2s | | | | acetylated |
| 238 | J22 | P R K Q L A T K A A Rme2a K S A P A T G G | ► | H3 16-35 | R26me2a | | | | acetylated |
| 239 | J23 | P R K Q L A T K A A Cit K S A P A T G G | ► | H3 16-35 | R26Citr | | | | acetylated |
| 240 | J24 | P R K Q L A T K A A R Kme1 S A P A T G G | ► | H3 16-35 | K27me1 | | | | acetylated |
| 241 | K 1 | P R K Q L A T K A A R Kme2 S A P A T G G | ► | H3 16-35 | K27me2 | | | | acetylated |
| 242 | K 2 | P R K Q L A T K A A R Kme3 S A P A T G G | ► | H3 16-35 | K27me3 | | | | acetylated |
| 243 | K 3 | P R K Q L A T K A A R Kac S A P A T G G | ► | H3 16-35 | K27ac | | | | acetylated |
| 244 | K 4 | P R K Q L A T K A A R K pS A P A T G G | ► | H3 16-35 | S28P | | | | acetylated |
| 245 | K 5 | P R K Q L A T K A A Rme2s Kme1 S A P A T G G | ► | H3 16-35 | R26me2s | K27me1 | | | acetylated |
| 246 | K 6 | P R K Q L A T K A A Rme2s Kme2 S A P A T G G | ► | H3 16-35 | R26me2s | K27me2 | | | acetylated |
| 247 | K 7 | P R K Q L A T K A A Rme2s Kme3 S A P A T G G | ► | H3 16-35 | R26me2s | K27me3 | | | acetylated |
| 248 | K 8 | P R K Q L A T K A A Rme2s Kac S A P A T G G | ► | H3 16-35 | R26me2s | K27ac | | | acetylated |
| 249 | K 9 | P R K Q L A T K A A Rme2s K pS A P A T G G | ► | H3 16-35 | R26me2s | S28P | | | acetylated |
| 250 | K10 | P R K Q L A T K A A Rme2a Kme1 S A P A T G G | ► | H3 16-35 | R26me2a | K27me1 | | | acetylated |
| 251 | K11 | P R K Q L A T K A A Rme2a Kme2 S A P A T G G | ► | H3 16-35 | R26me2a | K27me2 | | | acetylated |
| 252 | K12 | P R K Q L A T K A A Rme2a Kme3 S A P A T G G | ► | H3 16-35 | R26me2a | K27me3 | | | acetylated |
| 253 | K13 | P R K Q L A T K A A Rme2a Kac S A P A T G G | ► | H3 16-35 | R26me2a | K27ac | | | acetylated |
| 254 | K14 | P R K Q L A T K A A Rme2a K pS A P A T G G | ► | H3 16-35 | R26me2a | S28P | | | acetylated |
| 255 | K15 | P R K Q L A T K A A Cit Kme1 S A P A T G G | ► | H3 16-35 | R26Citr | K27me1 | | | acetylated |
| 256 | K16 | P R K Q L A T K A A Cit Kme2 S A P A T G G | ► | H3 16-35 | R26Citr | K27me2 | | | acetylated |
| 257 | K17 | P R K Q L A T K A A Cit Kme3 S A P A T G G | ► | H3 16-35 | R26Citr | K27me3 | | | acetylated |
| 258 | K18 | P R K Q L A T K A A Cit K pS A P A T G G | ► | H3 16-35 | R26Citr | S28P | | | acetylated |
| 259 | K19 | P R K Q L A T K A A R Kme1 pS A P A T G G | ► | H3 16-35 | K27me1 | S28P | | | acetylated |
| 260 | K20 | P R K Q L A T K A A R Kme2 pS A P A T G G | ► | H3 16-35 | K27me2 | S28P | | | acetylated |
| 261 | K21 | P R K Q L A T K A A R Kme3 pS A P A T G G | ► | H3 16-35 | K27me3 | S28P | | | acetylated |
| 262 | K22 | P R K Q L A T K A A R Kac pS A P A T G G | ► | H3 16-35 | K27ac | S28P | | | acetylated |
| 263 | K23 | P R K Q L A T K A A Rme2s Kme1 pS A P A T G G | ► | H3 16-35 | R26me2s | K27me1 | S28P | | acetylated |
| 264 | K24 | P R K Q L A T K A A Rme2s Kme2 pS A P A T G G | ► | H3 16-35 | R26me2s | K27me2 | S28P | | acetylated |
| 265 | L 1 | P R K Q L A T K A A Rme2s Kme3 pS A P A T G G | ► | H3 16-35 | R26me2s | K27me3 | S28P | | acetylated |
| 266 | L 2 | P R K Q L A T K A A Rme2s Kac pS A P A T G G | ► | H3 16-35 | R26me2s | K27ac | S28P | | acetylated |
| 267 | L 3 | P R K Q L A T K A A Rme2a Kme1 pS A P A T G G | ► | H3 16-35 | R26me2a | K27me1 | S28P | | acetylated |
| 268 | L 4 | P R K Q L A T K A A Rme2a Kme2 pS A P A T G G | ► | H3 16-35 | R26me2a | K27me2 | S28P | | acetylated |
| 269 | L 5 | P R K Q L A T K A A Rme2a Kme3 pS A P A T G G | ► | H3 16-35 | R26me2a | K27me3 | S28P | | acetylated |
| 270 | L 6 | P R K Q L A T K A A Rme2a Kac pS A P A T G G | ► | H3 16-35 | R26me2a | K27ac | S28P | | acetylated |
| 271 | L 7 | R K S A P A T G G V K K P H R Y R P G | ► | H3 26-45 | unmod | | | | acetylated |
| 272 | L 8 | R K S A P A T G G V Kme1 K P H R Y R P G | ► | H3 26-45 | K36me1 | | | | acetylated |
| 273 | L 9 | R K S A P A T G G V Kme2 K P H R Y R P G | ► | H3 26-45 | K36me2 | | | | acetylated |
| 274 | L10 | R K S A P A T G G V Kme3 K P H R Y R P G | ► | H3 26-45 | K36me3 | | | | acetylated |
| 275 | L11 | R K S A P A T G G V Kac K P H R Y R P G | ► | H3 26-45 | K36ac | | | | acetylated |
| 276 | L12 | S G R G K G G K G L G K G G A K R H R | ► | H4 1-19 | unmod | | | | free |
| 277 | L13 | pS G R G K G G K G L G K G G A K R H R | ► | H4 1-19 | S1P | | | | free |
| 278 | L14 | S G Rme2s G K G G K G L G K G G A K R H R | ► | H4 1-19 | R3me2s | | | | free |
| 279 | L15 | S G Rme2a G K G G K G L G K G G A K R H R | ► | H4 1-19 | R3me2a | | | | free |

| *Modification number* | *Peptide location* | *Peptide sequence* | *to array* | *name* | *Mod1* | *Mod2* | *Mod 3* | *Mod 4* | *N-terminus* |
|---|---|---|---|---|---|---|---|---|---|
| 280 | L16 | S G R G Kac G G K G L G K G G A K R H R | ► | H4 1-19 | K5ac | | | | free |
| 281 | L17 | S G R G K G G Kac G L G K G G A K R H R | ► | H4 1-19 | K8ac | | | | free |
| 282 | L18 | S G R G K G G K G L G Kac G G A K R H R | ► | H4 1-19 | K12ac | | | | free |
| 283 | L19 | S G R G K G G K G L G K G G A Kac R H R | ► | H4 1-19 | K16ac | | | | free |
| 284 | L20 | pS G Rme2s G K G G K G L G K G G A K R H R | ► | H4 1-19 | S1P | R3me2s | | | free |
| 285 | L21 | pS G Rme2a G K G G K G L G K G G A K R H R | ► | H4 1-19 | S1P | R3me2a | | | free |
| 286 | L22 | pS G R G Kac G G K G L G K G G A K R H R | ► | H4 1-19 | S1P | K5ac | | | free |
| 287 | L23 | S G Rme2s G Kac G G K G L G K G G A K R H R | ► | H4 1-19 | R3me2s | K5ac | | | free |
| 288 | L24 | S G Rme2s G K G G Kac G L G K G G A K R H R | ► | H4 1-19 | R3me2s | K8ac | | | free |
| 289 | M 1 | S G Rme2a G Kac G G K G L G K G G A K R H R | ► | H4 1-19 | R3me2a | K5ac | | | free |
| 290 | M 2 | S G Rme2a G K G G Kac G L G K G G A K R H R | ► | H4 1-19 | R3me2a | K8ac | | | free |
| 291 | M 3 | S G R G Kac G G Kac G L G K G G A K R H R | ► | H4 1-19 | K5ac | K8ac | | | free |
| 292 | M 4 | S G R G K G G Kac G L G Kac G G A K R H R | ► | H4 1-19 | K8ac | K12ac | | | free |
| 293 | M 5 | S G R G K G G Kac G L G K G G A Kac R H R | ► | H4 1-19 | K8ac | K16ac | | | free |
| 294 | M 6 | S G R G K G G K G L G Kac G G A Kac R H R | ► | H4 1-19 | K12ac | K16ac | | | free |
| 295 | M 7 | pS G Rme2s G Kac G G K G L G K G G A K R H R | ► | H4 1-19 | S1P | R3me2s | K5ac | | free |
| 296 | M 8 | pS G Rme2a G Kac G G K G L G K G G A K R H R | ► | H4 1-19 | S1P | R3me2a | K5ac | | free |
| 297 | M 9 | S G Rme2s G Kac G G Kac G L G K G G A K R H R | ► | H4 1-19 | R3me2s | K5ac | K8ac | | free |
| 298 | M10 | S G Rme2a G Kac G G Kac G L G K G G A K R H R | ► | H4 1-19 | R3me2a | K5ac | K8ac | | free |
| 299 | M11 | S G R G Kac G G Kac G L G Kac G G A K R H R | ► | H4 1-19 | K5ac | K8ac | K12ac | | free |
| 300 | M12 | S G R G K G G Kac G L G Kac G G A Kac R H R | ► | H4 1-19 | K8ac | K12ac | K16ac | | free |
| 301 | M13 | pS G Rme2s G Kac G G Kac G L G K G G A K R H R | ► | H4 1-19 | S1P | R3me2s | K5ac | K8ac | free |
| 302 | M14 | pS G Rme2a G Kac G G Kac G L G K G G A K R H R | ► | H4 1-19 | S1P | R3me2a | K5ac | K8ac | free |
| 303 | M15 | S G Rme2s G Kac G G Kac G L G Kac G G A K R H R | ► | H4 1-19 | R3me2s | K5ac | K8ac | K12ac | free |
| 304 | M16 | S G Rme2a G Kac G G Kac G L G Kac G G A K R H R | ► | H4 1-19 | R3me2a | K5ac | K8ac | K12ac | free |
| 305 | M17 | S G R G Kac G G Kac G L G Kac G G A Kac R H R | ► | H4 1-19 | K5ac | K8ac | K12ac | K16ac | free |
| 306 | M18 | G K G G A K R H R K V L R D N I Q G I T | ► | H4 11-30 | unmod | | | | acetylated |
| 307 | M19 | G Kac G G A K R H R K V L R D N I Q G I T | ► | H4 11-30 | K12ac | | | | acetylated |
| 308 | M20 | G K G G A Kac R H R K V L R D N I Q G I T | ► | H4 11-30 | K16ac | | | | acetylated |
| 309 | M21 | G K G G A K Rme2s H R K V L R D N I Q G I T | ► | H4 11-30 | R17me2s | | | | acetylated |
| 310 | M22 | G K G G A K Rme2a H R K V L R D N I Q G I T | ► | H4 11-30 | R17me2a | | | | acetylated |
| 311 | M23 | G K G G A K R H Rme2s K V L R D N I Q G I T | ► | H4 11-30 | R19me2s | | | | acetylated |
| 312 | M24 | G K G G A K R H Rme2a K V L R D N I Q G I T | ► | H4 11-30 | R19me2a | | | | acetylated |
| 313 | N 1 | G K G G A K R H R Kme1 V L R D N I Q G I T | ► | H4 11-30 | K20me1 | | | | acetylated |
| 314 | N 2 | G K G G A K R H R Kme2 V L R D N I Q G I T | ► | H4 11-30 | K20me2 | | | | acetylated |
| 315 | N 3 | G K G G A K R H R Kme3 V L R D N I Q G I T | ► | H4 11-30 | K20me3 | | | | acetylated |
| 316 | N 4 | G K G G A K R H R Kac V L R D N I Q G I T | ► | H4 11-30 | K20ac | | | | acetylated |
| 317 | N 5 | G K G G A K R H R K V L Rme2a D N I Q G I T | ► | H4 11-30 | R24me2a | | | | acetylated |
| 318 | N 6 | G K G G A K R H R K V L Rme2s D N I Q G I T | ► | H4 11-30 | R24me2s | | | | acetylated |
| 319 | N 7 | G Kac G G A Kac R H R K V L R D N I Q G I T | ► | H4 11-30 | K12ac | K16ac | | | acetylated |
| 320 | N 8 | G K G G A Kac Rme2s H R K V L R D N I Q G I T | ► | H4 11-30 | K16ac | R17me2s | | | acetylated |
| 321 | N 9 | G K G G A Kac Rme2a H R K V L R D N I Q G I T | ► | H4 11-30 | K16ac | R17me2a | | | acetylated |
| 322 | N10 | G K G G A Kac R H Rme2s K V L R D N I Q G I T | ► | H4 11-30 | K16ac | R19me2s | | | acetylated |
| 323 | N11 | G K G G A Kac R H Rme2a K V L R D N I Q G I T | ► | H4 11-30 | K16ac | R19me2a | | | acetylated |
| 324 | N12 | G K G G A Kac R H R Kme1 V L R D N I Q G I T | ► | H4 11-30 | K16ac | K20me1 | | | acetylated |
| 325 | N13 | G K G G A Kac R H R Kme2 V L R D N I Q G I T | ► | H4 11-30 | K16ac | K20me2 | | | acetylated |
| 326 | N14 | G K G G A Kac R H R Kme3 V L R D N I Q G I T | ► | H4 11-30 | K16ac | K20me3 | | | acetylated |
| 327 | N15 | G K G G A Kac R H R Kac V L R D N I Q G I T | ► | H4 11-30 | K16ac | K20ac | | | acetylated |
| 328 | N16 | G Kac G G A Kac R H R Kme1 V L R D N I Q G I T | ► | H4 11-30 | K12ac | K16ac | K20me1 | | acetylated |
| 329 | N17 | G Kac G G A Kac R H R Kme2 V L R D N I Q G I T | ► | H4 11-30 | K12ac | K16ac | K20me2 | | acetylated |
| 330 | N18 | G Kac G G A Kac R H R Kme3 V L R D N I Q G I T | ► | H4 11-30 | K12ac | K16ac | K20me3 | | acetylated |
| 331 | N19 | G Kac G G A Kac R H R Kac V L R D N I Q G I T | ► | H4 11-30 | K12ac | K16ac | K20ac | | acetylated |
| 332 | N20 | G K G G A K R H Rme2a Kme1 V L R D N I Q G I T | ► | H4 11-30 | R19me2a | K20me1 | | | acetylated |
| 333 | N21 | G K G G A K R H Rme2a Kme2 V L R D N I Q G I T | ► | H4 11-30 | R19me2a | K20me2 | | | acetylated |
| 334 | N22 | G K G G A K R H Rme2a Kme3 V L R D N I Q G I T | ► | H4 11-30 | R19me2a | K20me3 | | | acetylated |
| 335 | N23 | G K G G A K R H Rme2a Kac V L R D N I Q G I T | ► | H4 11-30 | R19me2a | K20ac | | | acetylated |
| 336 | N24 | G K G G A K R H Rme2s Kme1 V L R D N I Q G I T | ► | H4 11-30 | R19me2s | K20me1 | | | acetylated |
| 337 | O 1 | G K G G A K R H Rme2s Kme2 V L R D N I Q G I T | ► | H4 11-30 | R19me2s | K20me2 | | | acetylated |
| 338 | O 2 | G K G G A K R H Rme2s Kme3 V L R D N I Q G I T | ► | H4 11-30 | R19me2s | K20me3 | | | acetylated |
| 339 | O 3 | G K G G A K R H Rme2s Kac V L R D N I Q G I T | ► | H4 11-30 | R19me2s | K20ac | | | acetylated |
| 340 | O 4 | G K G G A K R H R Kme1 V L Rme2a D N I Q G I T | ► | H4 11-30 | R24me2a | K20me1 | | | acetylated |
| 341 | O 5 | G K G G A K R H R Kme2 V L Rme2a D N I Q G I T | ► | H4 11-30 | R24me2a | K20me2 | | | acetylated |
| 342 | O 6 | G K G G A K R H R Kme3 V L Rme2a D N I Q G I T | ► | H4 11-30 | R24me2a | K20me3 | | | acetylated |
| 343 | O 7 | G K G G A K R H R Kac V L Rme2a D N I Q G I T | ► | H4 11-30 | R24me2a | K20ac | | | acetylated |
| 344 | O 8 | G K G G A K R H R Kme1 V L Rme2s D N I Q G I T | ► | H4 11-30 | R24me2s | K20me1 | | | acetylated |
| 345 | O 9 | G K G G A K R H R Kme2 V L Rme2s D N I Q G I T | ► | H4 11-30 | R24me2s | K20me2 | | | acetylated |
| 346 | O10 | G K G G A K R H R Kme3 V L Rme2s D N I Q G I T | ► | H4 11-30 | R24me2s | K20me3 | | | acetylated |
| 347 | O11 | G K G G A K R H R Kac V L Rme2s D N I Q G I T | ► | H4 11-30 | R24me2s | K20ac | | | acetylated |
| 348 | O12 | S G R G K Q G G K A R A K A K S R S S | ► | H2a 1-19 | unmod | | | | free |
| 349 | O13 | pS G R G K Q G G K A R A K A K S R S S | ► | H2a 1-19 | S1P | | | | free |
| 350 | O14 | S G R G Kac Q G G K A R A K A K S R S S | ► | H2a 1-19 | K5ac | | | | free |
| 351 | O15 | S G R G K Q G G Kac A R A K A K S R S S | ► | H2a 1-19 | K9ac | | | | free |
| 352 | O16 | S G R G K Q G G K A R A Kac A K S R S S | ► | H2a 1-19 | K13ac | | | | free |
| 353 | O17 | pS G R G Kac Q G G K A R A K A K S R S S | ► | H2a 1-19 | S1P | K5ac | | | free |
| 354 | O18 | pS G R G K Q G G Kac A R A K A K S R S S | ► | H2a 1-19 | S1P | K9ac | | | free |
| 355 | O19 | pS G R G K Q G G K A R A Kac A K S R S S | ► | H2a 1-19 | S1P | K13ac | | | free |
| 356 | O20 | S G R G Kac Q G G Kac A R A K A K S R S S | ► | H2a 1-19 | K5ac | K9ac | | | free |
| 357 | O21 | S G R G Kac Q G G K A R A Kac A K S R S S | ► | H2a 1-19 | K5ac | K13ac | | | free |
| 358 | O22 | S G R G K Q G G Kac A R A Kac A K S R S S | ► | H2a 1-19 | K9ac | K13ac | | | free |
| 359 | O23 | pS G R G Kac Q G G Kac A R A K A K S R S S | ► | H2a 1-19 | S1P | K5ac | K9ac | | free |
| 360 | O24 | pS G R G Kac Q G G K A R A Kac A K S R S S | ► | H2a 1-19 | S1P | K5ac | K13ac | | free |
| 361 | P 1 | pS G R G K Q G G Kac A R A Kac A K S R S S | ► | H2a 1-19 | S1P | K9ac | K13ac | | free |
| 362 | P 2 | S G R G Kac Q G G Kac A R A Kac A K S R S S | ► | H2a 1-19 | K5ac | K9ac | K13ac | | free |
| 363 | P 3 | pS G R G Kac Q G G Kac A R A Kac A K S R S S | ► | H2a 1-19 | S1P | K5ac | K9ac | K13ac | free |
| 364 | P 4 | P D P A K S A P A P K K G S K K A V T | ► | H2B 1-19 | unmod | | | | free |
| 365 | P 5 | P D P A Kac S A P A P K K G S K K A V T | ► | H2B 1-19 | K5ac | | | | free |
| 366 | P 6 | P D P A K S A P A P K Kac G S K K A V T | ► | H2B 1-19 | K12ac | | | | free |
| 367 | P 7 | P D P A K S A P A P K K G pS K K A V T | ► | H2B 1-19 | S14P | | | | free |
| 368 | P 8 | P D P A K S A P A P K K G S Kac K A V T | ► | H2B 1-19 | K15ac | | | | free |
| 369 | P 9 | P D P A Kac S A P A P K Kac G S K K A V T | ► | H2B 1-19 | K5ac | K12ac | | | free |
| 370 | P10 | P D P A Kac S A P A P K K G pS K K A V T | ► | H2B 1-19 | K5ac | S14P | | | free |
| 371 | P11 | P D P A Kac S A P A P K K G S Kac K A V T | ► | H2B 1-19 | K5ac | K15ac | | | free |
| 372 | P12 | P D P A K S A P A P K Kac G pS K K A V T | ► | H2B 1-19 | K12ac | S14P | | | free |

**Active Motif**
**MODified™ Histone Peptide Array***
**Catalog Nos. 13001 & 13005**

| *Modification number* | *Peptide location* | *Peptide sequence* | *to array* | *name* | *Mod1* | *Mod2* | *Mod 3* | *Mod 4* | *N-terminus* |
|---|---|---|---|---|---|---|---|---|---|
| 373 | P13 | P D P A K S A P A P K Kac G S Kac K A V T | ► | H2B 1-19 | K12ac | K15ac | | | free |
| 374 | P14 | P D P A K S A P A P K K G pS Kac K A V T | ► | H2B 1-19 | S14P | K15ac | | | free |
| 375 | P15 | P D P A Kac S A P A P K Kac G pS K K A V T | ► | H2B 1-19 | K5ac | K12ac | S14P | | free |
| 376 | P16 | P D P A Kac S A P A P K Kac G S Kac K A V T | ► | H2B 1-19 | K5ac | K12ac | K15ac | | free |
| 377 | P17 | P D P A Kac S A P A P K K G pS Kac K A V T | ► | H2B 1-19 | K5ac | S14P | K15ac | | free |
| 378 | P18 | P D P A K S A P A P K Kac G pS Kac K A V T | ► | H2B 1-19 | K12ac | S14P | K15ac | | free |
| 379 | P19 | P D P A Kac S A P A P K Kac G pS Kac K A V T | ► | H2B 1-19 | K5ac | K12ac | S14P | K15ac | free |
| 380 | P20 | Bio A A N W S H P Q F E K A A | ► | Biotin, control peptide | | | | | biotinylated |
| 381 | P21 | E Q K L I S E E D L A | ► | c-myc tag | | | | | free |
| 382 | P22 | HAc | ► | neg. contol | | | | | acetylated |
| 383 | P23 | K Kme1 Kme2 Kme3 Kac R Rme2s R Rme2a R Cit K Kme1 Kac K | ► | background 01 | | | | | acetylated |
| 384 | P24 | R Rme2s K Kme1 Kac R Rme2a Kme2 K Kme3 R Kme1 Rme2s K K | ► | background 02 | | | | | acetylated |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o |
| o | **A 1** | **A 2** | **A 3** | **A 4** | **A 5** | **A 6** | **A 7** | **A 8** | **A 9** | **A 10** | **A 11** | **A 12** | **A 13** | **A 14** | **A 15** | **A 16** | **A 17** | **A 18** | **A 19** | **A 20** | **A 21** | **A 22** | **A 23** | **A 24** | o | A 1 | A 2 | A 3 | A 4 | A 5 | A 6 | A 7 | A 8 | A 9 | A10 | A11 | A12 | A13 | A14 | A15 | A16 | A17 | A18 | A19 | A20 | A21 | A22 | A23 | A24 | o |
| o | **B 1** | **B 2** | **B 3** | **B 4** | **B 5** | **B 6** | **B 7** | **B 8** | **B 9** | **B10** | **B11** | **B12** | **B13** | **B14** | **B15** | **B16** | **B17** | **B18** | **B19** | **B20** | **B21** | **B22** | **B23** | **B24** | o | B 2 | B 2 | B 3 | B 4 | B 5 | B 6 | B 7 | B 8 | B 9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 | B21 | B22 | B23 | B24 | o |
| o | **C 1** | **C 2** | **C 3** | **C 4** | **C 5** | **C 6** | **C 7** | **C 8** | **C 9** | **C10** | **C11** | **C12** | **C13** | **C14** | **C15** | **C16** | **C17** | **C18** | **C19** | **C20** | **C21** | **C22** | **C23** | **C24** | o | C 1 | C 2 | C 3 | C 4 | C 5 | C 6 | C 7 | C 8 | C 9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C19 | C20 | C21 | C22 | C23 | C24 | o |
| o | **D 1** | **D 2** | **D 3** | **D 4** | **D 5** | **D 6** | **D 7** | **D 8** | **D 9** | **D10** | **D11** | **D12** | **D13** | **D14** | **D15** | **D16** | **D17** | **D18** | **D19** | **D20** | **D21** | **D22** | **D23** | **D24** | o | D 1 | D 2 | D 3 | D 4 | D 5 | D 6 | D 7 | D 8 | D 9 | D10 | D11 | D12 | D13 | D14 | D15 | D16 | D17 | D18 | D19 | D20 | D21 | D22 | D23 | D24 | o |
| o | **E 1** | **E 2** | **E 3** | **E 4** | **E 5** | **E 6** | **E 7** | **E 8** | **E 9** | **E10** | **E11** | **E12** | **E13** | **E14** | **E15** | **E16** | **E17** | **E18** | **E19** | **E20** | **E21** | **E22** | **E23** | **E24** | o | E 1 | E 2 | E 3 | E 4 | E 5 | E 6 | E 7 | E 8 | E 9 | E10 | E11 | E12 | E13 | E14 | E15 | E16 | E17 | E18 | E19 | E20 | E21 | E22 | E23 | E24 | o |
| o | **F 1** | **F 2** | **F 3** | **F 4** | **F 5** | **F 6** | **F 7** | **F 8** | **F 9** | **F 10** | **F 11** | **F 12** | **F 13** | **F 14** | **F 15** | **F 16** | **F 17** | **F 18** | **F 19** | **F 20** | **F 21** | **F 22** | **F 23** | **F 24** | o | F 1 | F 2 | F 3 | F 4 | F 5 | F 6 | F 7 | F 8 | F 9 | F10 | F11 | F12 | F13 | F14 | F15 | F16 | F17 | F18 | F19 | F20 | F21 | F22 | F23 | F24 | o |
| o | **G 1** | **G 2** | **G 3** | **G 4** | **G 5** | **G 6** | **G 7** | **G 8** | **G 9** | **G10** | **G11** | **G12** | **G13** | **G14** | **G15** | **G16** | **G17** | **G18** | **G19** | **G20** | **G21** | **G22** | **G23** | **G24** | o | G 1 | G 2 | G 3 | G 4 | G 5 | G 6 | G 7 | G 8 | G 9 | G10 | G11 | G12 | G13 | G14 | G15 | G16 | G17 | G18 | G19 | G20 | G21 | G22 | G23 | G24 | o |
| o | **H 1** | **H 2** | **H 3** | **H 4** | **H 5** | **H 6** | **H 7** | **H 8** | **H 9** | **H10** | **H11** | **H12** | **H13** | **H14** | **H15** | **H16** | **H17** | **H18** | **H19** | **H20** | **H21** | **H22** | **H23** | **H24** | o | H 1 | H 2 | H 3 | H 4 | H 5 | H 6 | H 7 | H 8 | H 9 | H10 | H11 | H12 | H13 | H14 | H15 | H16 | H17 | H18 | H19 | H20 | H21 | H22 | H23 | H24 | o |
| o | **I 1** | **I 2** | **I 3** | **I 4** | **I 5** | **I 6** | **I 7** | **I 8** | **I 9** | **I10** | **I11** | **I12** | **I13** | **I14** | **I15** | **I16** | **I17** | **I18** | **I19** | **I20** | **I21** | **I22** | **I23** | **I24** | o | I 1 | I 2 | I 3 | I 4 | I 5 | I 6 | I 7 | I 8 | I 9 | I10 | I11 | I12 | I13 | I14 | I15 | I16 | I17 | I18 | I19 | I20 | I21 | I22 | I23 | I24 | o |
| o | **J 1** | **J 2** | **J 3** | **J 4** | **J 5** | **J 6** | **J 7** | **J 8** | **J 9** | **J10** | **J11** | **J12** | **J13** | **J14** | **J15** | **J16** | **J17** | **J18** | **J19** | **J20** | **J21** | **J22** | **J23** | **J24** | o | J 1 | J 2 | J 3 | J 4 | J 5 | J 6 | J 7 | J 8 | J 9 | J10 | J11 | J12 | J13 | J14 | J15 | J16 | J17 | J18 | J19 | J20 | J21 | J22 | J23 | J24 | o |
| o | **K 1** | **K 2** | **K 3** | **K 4** | **K 5** | **K 6** | **K 7** | **K 8** | **K 9** | **K10** | **K11** | **K12** | **K13** | **K14** | **K15** | **K16** | **K17** | **K18** | **K19** | **K20** | **K21** | **K22** | **K23** | **K24** | o | K 1 | K 2 | K 3 | K 4 | K 5 | K 6 | K 7 | K 8 | K 9 | K10 | K11 | K12 | K13 | K14 | K15 | K16 | K17 | K18 | K19 | K20 | K21 | K22 | K23 | K24 | o |
| o | **L 1** | **L 2** | **L 3** | **L 4** | **L 5** | **L 6** | **L 7** | **L 8** | **L 9** | **L10** | **L11** | **L12** | **L13** | **L14** | **L15** | **L16** | **L17** | **L18** | **L19** | **L20** | **L21** | **L22** | **L23** | **L24** | o | L 1 | L 2 | L 3 | L 4 | L 5 | L 6 | L 7 | L 8 | L 9 | L10 | L11 | L12 | L13 | L14 | L15 | L16 | L17 | L18 | L19 | L20 | L21 | L22 | L23 | L24 | o |
| o | **M 1** | **M 2** | **M 3** | **M 4** | **M 5** | **M 6** | **M 7** | **M 8** | **M 9** | **M10** | **M11** | **M12** | **M13** | **M14** | **M15** | **M16** | **M17** | **M18** | **M19** | **M20** | **M21** | **M22** | **M23** | **M24** | o | M 1 | M 2 | M 3 | M 4 | M 5 | M 6 | M 7 | M 8 | M 9 | M10 | M11 | M12 | M13 | M14 | M15 | M16 | M17 | M18 | M19 | M20 | M21 | M22 | M23 | M24 | o |
| o | **N 1** | **N 2** | **N 3** | **N 4** | **N 5** | **N 6** | **N 7** | **N 8** | **N 9** | **N10** | **N11** | **N12** | **N13** | **N14** | **N15** | **N16** | **N17** | **N18** | **N19** | **N20** | **N21** | **N22** | **N23** | **N24** | o | N 1 | N 2 | N 3 | N 4 | N 5 | N 6 | N 7 | N 8 | N 9 | N10 | N11 | N12 | N13 | N14 | N15 | N16 | N17 | N18 | N19 | N20 | N21 | N22 | N23 | N24 | o |
| o | **O 1** | **O 2** | **O 3** | **O 4** | **O 5** | **O 6** | **O 7** | **O 8** | **O 9** | **O10** | **O11** | **O12** | **O13** | **O14** | **O15** | **O16** | **O17** | **O18** | **O19** | **O20** | **O21** | **O22** | **O23** | **O24** | o | O 1 | O 2 | O 3 | O 4 | O 5 | O 6 | O 7 | O 8 | O 9 | O10 | O11 | O12 | O13 | O14 | O15 | O16 | O17 | O18 | O19 | O20 | O21 | O22 | O23 | O24 | o |
| o | **P 1** | **P 2** | **P 3** | **P 4** | **P 5** | **P 6** | **P 7** | **P 8** | **P 9** | **P10** | **P11** | **P12** | **P13** | **P14** | **P15** | **P16** | **P17** | **P18** | **P19** | **P20** | **P21** | **P22** | **P23** | **P24** | o | P 1 | P 2 | P 3 | P 4 | P 5 | P 6 | P 7 | P 8 | P 9 | P10 | P11 | P12 | P13 | P14 | P15 | P16 | P17 | P18 | P19 | P20 | P21 | P22 | P23 | P24 | o |
| o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o | o |

***CelluSpots™***

LOT: XXXXXX-XXX

**bold font = link to peptide sequence**

normal font = hold mouse over postion and the peptide sequence will show up after a while