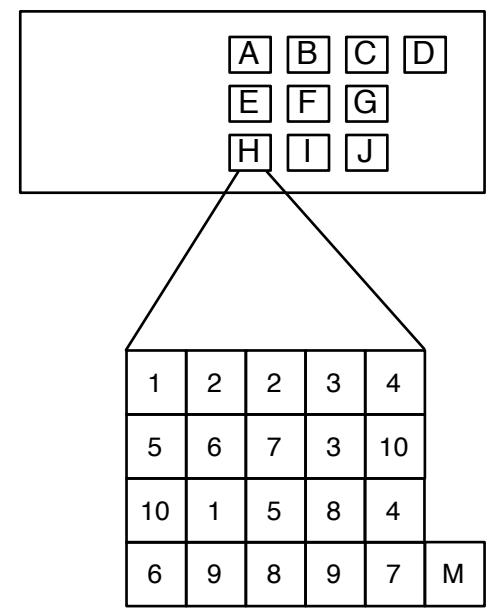
C-Terminal Domain Readers Array

PDZ	PDZ	PDZ	14-3-3 / 14-3-3 like
A 1) α-1-syntrophin (1/1)/Q61234	**B 1)** Cipp (3/10)/Q63ZW7	**C 1)** Harmonin (2/3)/Q9ES64	**D 1)** sigma/NP_006133
A 2) β1-syntrophin (1/1)/Q99L88	**B 2)** Cipp (5/10)/Q63ZW7	**C 2)** HtrA1 (1/1)/Q9QZK6	**D 2)** beta/alpha/NP_647539.1
A 3) γ1-syntrophin (1/1)/Q925E1	**B 3)** Cipp (8/10)/Q63ZW7	**C 3)** HtrA3 (1/1)/Q9D236	**D 3)** epsilon/NP_006752
A 4) γ2-syntrophin (1/1) /Q925E0	**B 4)** Cipp (9/10)/Q63ZW7	**C 4)** Interleukin 16 (1/4)/Q9QZP6	**D 4)** gamma/CAG46702
A 5) Chapsyn-110 (2/3)/Q91XM9	**B 5)** Cipp (10/10)/Q63ZW7	**C 5)** LARG (1/1)/Q8R4H2	**D 5)** eta/CAG30498
A 6) Chapsyn-110 (3/3)/Q91XM9	**B 6)** Radil (1/1)/Q69Z89	**C 6)** LIN-7A (1/1)/Q8JZS0	**D 6)** theta/NP_006817
A 7) Dlgh3 (1/1)/Q6XE40	**B 7)** Erbin (1/1)/Q80TH2	**C 7)** Lin7c (1/1)/O88952	**D 7)** zeta/delta/NP_663723
A 8) Dvl2 (1/1)/Q60838	**B 8)** GRASP55 (1/1)/Q99JX3	**C 8)** Lnx1 (2/4)/O70263	**D 8)** SMG5/NP_056142
A 9) Dvl1 (1/1)	**B 9)** Grip1 (6/7)/Q925T6	**C 9)** Lnx1 (3/4)/O70263	**D 9)** SMG7/NP_963862
A 10) Dvl3 (1/1)	**B 10)** Grip2 (5/7)/E0CXS4	**C 10)** Lrrc7 (1/1)/Q80TE7	
PDZ	**PDZ**	**PDZ**	
E 1) Magi-1 (2/6)/Q6RHR9	**F 1)** Mpp7 (1/1)/Q8BVD5	**G 1)** NHERF-1 (1/2)/P70441	
E 2) Magi-1 (4/6)/Q6RHR9	**F 2)** MUPP1 (5/13)/Q8VBX6	**G 2)** NHERF-1 (2/2)/P70441	
E 3) Magi-1 (6/6)/Q6RHR9	**F 3)** MUPP1 (10/13)/Q8VBX6	**G 3)** NHERF-1 FL/P70441 *	
E 4) Magi-2 (2/6)/Q9WVQ1	**F 4)** MUPP1 (11/13)/Q8VBX6	**G 4)** NHERF-2 (1/2)/Q9JHL1	
E 5) Magi-2 (5/6)/Q9WVQ1	**F 5)** MUPP1 (12/13)/Q8VBX6	**G 5)** NHERF-2 (2/2)/Q9JHL1	
E 6) Magi-2 (6/6)/Q9WVQ1	**F 6)** MUPP1 (13/13)/Q8VBX6	**G 6)** NHERF-2 FL/Q9JHL1 *	
E 7) Magi-3 (5/6)/Q9EQJ9	**F 7)** nNOS (1/1)/Q9Z0J4	**G 7)** Pdzk1 (1/4)/NHERF-3/Q9JIL4	
E 8) Mals2 (1/1)/lin-7/Q9HAP6	**F 8)** OMP25 (1/1)/Q8K4F3	**G 8)** Pdzk1 (3/4)/NHERF-3/Q9JIL4	
E 9) Magi-3 (1/6)/Q9EQJ9	**F 9)** PAR-3 (3/3)/Q99NH2	**G 9)** Pdzk3 (1/4)/NHERF-4/Q99MJ6	
E 10) Semcap3 (1/2)/Q69ZS0	**F 10)** Shank3 (1/1)/Q4ACU6	**G 10)** Pdzk3 (3/4)/NHERF-4/Q99MJ6	
PDZ	**PDZ**	**PDZ**	
H 1) PAR6B (1/1)/Q9JK83	**I 1)** SAP102 (2/3)/P70175	**J 1)** Shroom (1/1)/Q9QXN0	
H 2) Pdlim5 (1/1)/Q3UGD0	**I 2)** SAP102 (3/3)/P70175	**J 2)** SLIM (1/1)/Q8R1G6	
H 3) Pdzk11 (1/1)/Q9CZG9	**I 3)** SAP97 (1/3)/Q811D0	**J 3)** Tiam2 (1/1)/Q6ZPF3	
H 4) PDZ-RGS3 (1/1)/Q9DC04	**I 4)** SAP97 (2/3)/Q811D0	**J 4)** Whirlin (3/3)/Q5MLF8	
H 5) PSD95 (1/3)/Q62108	**I 5)** SAP97 (3/3)/Q811D0	**J 5)** ZO-1 (1/3)/P39447	
H 6) PSD95 (2/3)/Q62108	**I 6)** Scrb1 (3/4)/Q80U72	**J 6)** ZO-1 (2/3)/P39447	
H 7) PSD95 (3/3)/Q62108	**I 7)** Shank1 (1/1)/D3YZU1	**J 7)** ZO-2 (1/3)/Q9Z0U1	
H 8) PTP-BL (2/5)/Q64512	**I 8)** Pdzk3 (1/6)/E9Q1M1	**J 8)** ZO-3 (1/3)/Q9QXY1	
H 9) PAR3B (1/3)/Q5SV53	**I 9)** Pdzk3 (2/6)/E9Q1M1	**J 9)** Scrb1 (1/4)/Q80U72	
H 10) TIP-1 (1/1)/Q9DBG9		**J 10)** Scrb1 (2/4)/Q80U72	



*= Non-Codon Optimized Construct

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