

146392026040SEQLIST

SEQUENCE LISTING

<110> Marc WONG
Liliana T. YEE
Amy LIM
Chris B. FONG

<120> ULTRAPURIFIED Dsba AND Dsbc AND METHODS OF MAKING AND USING THE SAME

<130> 146392026040

<140> Not Yet Assigned

<141> Concurrently Herewith

<150> US 62/129,701

<151> 2015-03-06

<160> 6

<170> FastSEQ for windows Version 4.0

<210> 1

<211> 189

<212> PRT

<213> E. coli

<400> 1

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Ala	Gly	Ala	Pro	Gln	Val	Leu	Glu	Phe	Phe	Ser	Phe	Phe	Cys	Pro	His
			20					25					30		
Cys	Tyr	Gln	Phe	Glu	Glu	Val	Leu	His	Ile	Ser	Asp	Asn	Val	Lys	Lys
		35					40					45			
Lys	Leu	Pro	Glu	Gly	Val	Lys	Met	Thr	Lys	Tyr	His	Val	Asn	Phe	Met
	50					55					60				
Gly	Gly	Asp	Leu	Gly	Lys	Asp	Leu	Thr	Gln	Ala	Trp	Ala	Val	Ala	Met
65					70				75						80
Ala	Leu	Gly	Val	Glu	Asp	Lys	Val	Thr	Val	Pro	Leu	Phe	Glu	Gly	Val
				85					90					95	
Gln	Lys	Thr	Gln	Thr	Ile	Arg	Ser	Ala	Ser	Asp	Ile	Arg	Asp	Val	Phe
			100					105					110		
Ile	Asn	Ala	Gly	Ile	Lys	Gly	Glu	Tyr	Asp	Ala	Ala	Trp	Asn	Ser	
		115					120				125				
Phe	Val	Val	Lys	Ser	Leu	Val	Ala	Gln	Gln	Glu	Lys	Ala	Ala	Ala	Asp
	130					135					140				
Val	Gln	Leu	Arg	Gly	Val	Pro	Ala	Met	Phe	Val	Asn	Gly	Lys	Tyr	Gln
145					150				155					160	
Leu	Asn	Pro	Gln	Gly	Met	Asp	Thr	Ser	Asn	Met	Asp	Val	Phe	Val	Gln
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Gln	Tyr	Ala	Asp	Thr	Val	Lys	Tyr	Leu	Ser	Glu	Lys	Lys			
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<210> 2

<211> 627

<212> DNA

<213> E. coli

<400> 2

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gtgctggagt	ttttctcttt	cttctgcccc	cactgctatc	agtttgaaga	agttctgcat	180
atttctgata	atgtgaagaa	aaaactgccc	gaaggcgtga	agatgactaa	ataccacgtc	240
aacttcatgg	gtggtgacct	gggcaaagat	ctgactcagg	catgggctgt	ggcgatggcg	300
ctgggcgtgg	aagacaaagt	gactgttccg	ctgtttgaag	gcgtacagaa	aaccagacc	360
attcgttctg	cttctgatat	ccgcgatgta	tttatcaacg	caggtattaa	aggtgaagag	420
tacgacgcgg	cgtggaacag	cttcgtggtg	aaatctctgg	tcgctcagca	ggaaaaagct	480

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gcagctgacg tgcaattgcg tggcgttccg gcgatgtttg ttaacggtaa atatcagctg 540
aatccgcagg gtatggatac cagcaatatg gatgtttttg ttcagcagta tgctgataca 600
gtgaaatatc tgtccgagaa aaaataa 627

<210> 3
<211> 216
<212> PRT
<213> E. coli

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20 25 30
Asn Ser Gly Val Leu Tyr Ile Thr Asp Asp Gly Lys His Ile Ile Gln
35 40 45
Gly Pro Met Tyr Asp Val Ser Gly Thr Ala Pro Val Asn Val Thr Asn
50 55 60
Lys Met Leu Leu Lys Gln Leu Asn Ala Leu Glu Lys Glu Met Ile Val
65 70 75 80
Tyr Lys Ala Pro Gln Glu Lys His Val Ile Thr Val Phe Thr Asp Ile
85 90 95
Thr Cys Gly Tyr Cys His Lys Leu His Glu Gln Met Ala Asp Tyr Asn
100 105 110
Ala Leu Gly Ile Thr Val Arg Tyr Leu Ala Phe Pro Arg Gln Gly Leu
115 120 125
Asp Ser Asp Ala Glu Lys Glu Met Lys Ala Ile Trp Cys Ala Lys Asp
130 135 140
Lys Asn Lys Ala Phe Asp Asp Val Met Ala Gly Lys Ser Val Ala Pro
145 150 155 160
Ala Ser Cys Asp Val Asp Ile Ala Asp His Tyr Ala Leu Gly Val Gln
165 170 175
Leu Gly Val Ser Gly Thr Pro Ala Val Val Leu Ser Asn Gly Thr Leu
180 185 190
Val Pro Gly Tyr Gln Pro Pro Lys Glu Met Lys Glu Phe Leu Asp Glu
195 200 205
His Gln Lys Met Thr Ser Gly Lys
210 215

<210> 4
<211> 711
<212> DNA
<213> E. coli

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cccgcgcctg tagctggcat gaagacagtt ctgactaaca gcggcgtgtt gtacatcacc 180
gatgatggta aacatatcat tcagggggcca atgtatgacg ttagtggcac ggctccggtc 240
aatgtcacca ataagatgct gttaaagcag ttgaatgcgc ttgaaaaaga gatgatcggt 300
tataaagcgc cgcaggaaaa acacgtcatc accgtgttta ctgatattac ctgtgggttac 360
tgccacaaac tgcattagca aatggcagac tacaacgcgc tggggatcac cgtgcgttat 420
cttgctttcc cgcgccaggg gctggacagc gatgcagaga aagaaatgaa agctatctgg 480
tgtgcgaaag ataaaaaaca agcgtttgat gatgtgatgg caggtaaaag cgtcgacca 540
gccagttgcg acgtggatat tgccgaccat tacgcacttg gcgtccagct tggcgtagc 600
ggtactccgg cagttgtgct gagcaatggc acacttgttc cgggttacca gccgccgaaa 660
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<210> 5
<211> 208
<212> PRT
<213> E. coli

<400> 5
Met Lys Lys Ile Trp Leu Ala Leu Ala Gly Leu Val Leu Ala Phe Ser
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Ala Ser Ala Ala Gln Tyr Glu Asp Gly Lys Gln Tyr Thr Thr Leu Glu

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Lys	Pro	Val	20	Ala	Gly	Ala	Pro	Gln	25	Val	Leu	Glu	Phe	Phe	30	Ser	Phe	Phe
Cys	Pro	His	35	Cys	Tyr	Gln	Phe	Glu	40	Glu	Val	Leu	His	Ile	45	Ser	Asp	Asn
Val	Lys	Lys	50	Lys	Leu	Pro	Glu	Gly	55	Val	Lys	Met	Thr	Lys	60	Tyr	His	Val
65	Asn	Phe	Met	Gly	Gly	Asp	Leu	Gly	70	Lys	Asp	Leu	Thr	Gln	75	Ala	Trp	Ala
Val	Ala	Met	Ala	Leu	Gly	Val	Glu	Asp	85	Lys	Val	Thr	Val	Pro	90	Leu	Phe	
Glu	Gly	Val	100	Gln	Lys	Thr	Gln	Thr	105	Ile	Arg	Ser	Ala	Ser	110	Asp	Ile	Arg
Asp	Val	Phe	115	Ile	Asn	Ala	Gly	Ile	120	Lys	Gly	Glu	Glu	Tyr	125	Asp	Ala	Ala
Trp	Asn	Ser	Phe	Val	Val	Lys	Ser	Leu	130	Val	Ala	Gln	Gln	Glu	135	Lys	Ala	
145	Ala	Ala	Asp	Val	Gln	Leu	Arg	Gly	140	Val	Pro	Ala	Met	Phe	145	Val	Asn	Gly
Lys	Tyr	Gln	Leu	Asn	Pro	Gln	Gly	Met	150	Asp	Thr	Ser	Asn	Met	155	Asp	Val	
Phe	Val	Gln	160	Gln	Tyr	Ala	Asp	Thr	165	Val	Lys	Tyr	Leu	Ser	170	Glu	Lys	Lys
		195						200						205				

<210> 6
 <211> 236
 <212> PRT
 <213> E. coli

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Gly	Ile	Lys	20	Ser	Ser	Asp	Ile	Gln	25	Pro	Ala	Pro	Val	Ala	30
Thr	Val	Leu	35	Thr	Asn	Ser	Gly	Val	40	Leu	Tyr	Ile	Thr	Asp	45
His	Ile	Ile	50	Gln	Gly	Pro	Met	Tyr	55	Val	Ser	Gly	Thr	Ala	60
65	Asn	Val	Thr	Asn	Lys	Met	Leu	Leu	70	Lys	Gln	Leu	Asn	Ala	75
Glu	Met	Ile	85	Tyr	Lys	Ala	Pro	Gln	90	Glu	Lys	His	Val	Ile	95
Phe	Thr	Asp	100	Ile	Thr	Cys	Gly	Tyr	105	Cys	His	Lys	Leu	His	110
Ala	Asp	Tyr	115	Asn	Ala	Leu	Gly	Ile	120	Thr	Val	Arg	Tyr	Leu	125
Arg	Gln	Gly	130	Leu	Asp	Ser	Asp	Ala	135	Glu	Lys	Glu	Met	Lys	140
145	Cys	Ala	Lys	Asp	Lys	Asn	Lys	Ala	150	Phe	Asp	Asp	Val	Met	155
Ser	Val	Ala	160	Pro	Ala	Ser	Cys	Asp	165	Val	Asp	Ile	Ala	Asp	170
Leu	Gly	Val	180	Gln	Leu	Gly	Val	Ser	185	Gly	Thr	Pro	Ala	Val	190
Asn	Gly	Thr	195	Leu	Val	Pro	Gly	Tyr	200	Gln	Pro	Pro	Lys	Glu	205
Phe	Leu	Asp	210	Glu	His	Gln	Lys	Met	215	Thr	Ser	Gly	Lys		220
225						230									235