1   aceBAK   41   asIB   81   cysPUWAM     2   acnA   42   asnA   82   cytR     3   acrAB   43   asnC   83   dadAX     4   acrR   44   aspA   84   dapA_nlpB_purA     5   acs   45   aspV   85   dctA     6   ada_alkB   46   atoC   86   dcuB_fumB     7   adhE   47   atoDAB   87   deoCABD     8   adiA   48   atoDAE   88   deoCABD     8   adiA_adiY   49   betIBA   89   dmsABC     10   ahpCF   50   betT   90   dnaA     11   aidB   51   bioA   91   dnaKJ     12   alaWX   52   bioBFCD   92   dps     13   aidB   53   birA_murA   93   dsbA     14   alkA   54   cadBA   94	Number	Gene Name	40	arsR	80	cysK
3   acrAB   43   asnC   83   dadAX     4   acrA   44   aspA   84   dapA_nlpB_purA     5   acs   45   aspV   85   dctA     6   adalkB   46   atoDAB   87   deoCABD     8   adiA   48   atoDAE   88   deoR     9   adiA_adiY   49   betIBA   89   dmsABC     10   ahpCF   50   betT   90   dnaA     11   aidB   51   bioA   91   dnaKD     12   alaWX   52   bioBFCD   92   dps     13   aldB   53   birA_murA   93   dsbA     14   alkA   54   cadBA   94   dsdC     15   alpA   55   cadC   95   dsdXA     16   ansB   56   caiF   96   ebgAC     17   appCBA   57   caiTaBCDE   97	1	aceBAK	41	aslB	81	cysPUWAM
4   acrR   44   aspA   84   dapA_nlpB_purA     5   acs   45   aspV   85   dctA     6   ada_alkB   46   atoCA   86   dcuB_fumB     7   adhE   47   atoDAB   87   deoCABD     8   adiA   48   atoDAE   88   deoCABD     9   adiA_adiY   49   betIBA   89   dmsABC     10   ahpCF   50   betT   90   dnaA     11   aidB   51   bioA   91   dnaKU     12   alaWX   52   bioBFCD   91   dnaKU     13   aldB   51   bioBFCD   91   dsbA     14   alkA   54   cadBA   94   dsdC     15   alpA   55   cadC   95   dsdXA     16   ansB   56   caiF   96   ebgAC     18   appY   58   carAB   98	2	acnA	42	asnA	82	cytR
5   acs   45   aspV   85   dctA     6   ada_alkB   46   atoC   86   dcuB_fumB     7   adhE   47   atoDAB   87   deoCABD     8   adiA   48   atoDAE   88   deoR     9   adiA_adiY   49   betIBA   89   dmsABC     10   ahpCF   50   betT   90   dnaA     11   aidB   51   bioA   91   dnaKJ     12   alaWX   52   bioBFCD   92   dps     13   aldB   53   birA_murA   93   dsdC     15   alpA   54   cadBA   94   dsdC     15   alpA   55   cadC   95   dsdXA     16   ansB   56   caiF   96   ebgAC     17   appCBA   57   caiTABCDE   97   ebgR     18   appY   58   carAB   98	3	acrAB	43	asnC	83	dadAX
6   ada_alkB   46   atoC   86   dcuB_fumB     7   adhE   47   atoDAB   87   deoCABD     8   adiA   48   atoDAE   88   deoCABD     9   adiA_adiY   49   betIBA   89   dmsABC     10   ahpCF   50   betT   90   dnaA     11   aidB   51   bioA   91   dnaKJ     12   alaWX   52   bioBFCD   92   dps     13   aldB   53   birA_murA   93   dsbA     14   alkA   54   cadBA   94   dsdC     15   alpA   55   cadC   95   dsdXA     16   ansB   56   caiF   96   ebgAC     17   appCBA   57   caiTABCDE   97   ebgR     18   appY   58   carAB   98   ecfABC     19   araBAD   59   cbl   99 <th>4</th> <th>acrR</th> <th>44</th> <th>aspA</th> <th>84</th> <th>dapA_nlpB_purA</th>	4	acrR	44	aspA	84	dapA_nlpB_purA
7   adhE   47   atoDAB   87   deoCABD     8   adiA   48   atoDAE   88   deoR     9   adiA_adiY   49   bettBA   89   dmsABC     10   ahpCF   50   betT   90   dnaA     11   aidB   51   bioA   91   dnaKJ     12   alaWX   52   bioBFCD   92   dps     13   aldB   53   birA_murA   93   dsbA     14   alkA   54   cadBA   94   dsdC     15   alpA   55   cadC   95   dsdXA     16   ansB   56   caiF   96   ebgAC     17   appCBA   57   caiTABCDE   97   ebgR     18   appY   58   carAB   98   ecfABC     19   araBAD   59   cbl   99   ecfD     20   araC   60   cirA   100	5	acs	45	aspV	85	dctA
8 adiA 48 atoDAE 88 deoR   9 adiA_adiY 49 betIBA 89 dmsABC   10 ahpCF 50 betT 90 dnaA   11 aidB 51 bioA 91 dnaKJ   12 alaWX 52 bioBFCD 92 dps   13 aldB 53 birA_murA 93 dsbA   14 alkA 54 cadBA 94 dsdC   15 alpA 55 cadC 95 dsdXA   16 ansB 56 caiF 96 ebgAC   17 appCBA 57 caiTABCDE 97 ebgR   18 appCBA 57 caiTABCDE 97 ebgR   19 araBAD 59 cbl 99 ecfD   20 araC 60 cirA 100 ecfF   21 araE 61 clpP 101 ecfG   22 araFG_araH_1H_2 62 codBA 102 ecfH <th>6</th> <th>ada_alkB</th> <th>46</th> <th>atoC</th> <th>86</th> <th>dcuB_fumB</th>	6	ada_alkB	46	atoC	86	dcuB_fumB
9   adiA_adiY   49   betIBA   89   dmsABC     10   ahpCF   50   betT   90   dnaA     11   aidB   51   bioA   91   dnaKJ     12   alaWX   52   bioBFCD   92   dps     13   aldB   53   birA_murA   93   dsbA     14   alkA   54   cadBA   94   dsdC     15   alpA   55   cadC   95   dsdXA     16   ansB   56   caiF   96   ebgAC     17   appCBA   57   caiTABCDE   97   ebgR     18   appY   58   carAB   98   ecfABC     19   araBAD   59   cbl   99   ecfD     20   araC   60   cirA   100   ecfF     21   araE   61   clpP   101   ecfG     22   araFG_araH_1H_2   62   codBA   102	7	adhE	47	atoDAB	87	deoCABD
10   ahpCF   50   betT   90   dnaA     11   aidB   51   bioA   91   dnaKJ     12   alaWX   52   bioBFCD   92   dps     13   aldB   53   birA_murA   93   dsbA     14   alkA   54   cadBA   94   dsdC     15   alpA   55   cadC   95   dsdXA     16   ansB   56   caiFABCDE   95   dsdXA     16   ansB   56   caiFABCDE   97   ebgR     17   appCBA   57   caiTABCDE   97   ebgR     18   appY   58   carAB   98   ecfABC     19   araBAD   59   cbl   99   ecfD     20   araC   60   cirA   100   ecfF     21   araE   61   clpP   101   ecfG     22   araFG_araH_1H_2   62   codBA   102 <th>8</th> <th>adiA</th> <th>48</th> <th>atoDAE</th> <th>88</th> <th>deoR</th>	8	adiA	48	atoDAE	88	deoR
11   aidB   51   bioA   91   dnaKJ     12   alaWX   52   bioBFCD   92   dps     13   aldB   53   birA_murA   93   dsbA     14   alkA   54   cadBA   94   dsdC     15   alpA   55   cadC   95   dsXAA     16   ansB   56   caiFABCDE   95   dsXAA     16   ansB   56   caiFABCDE   97   ebgR     17   appCBA   57   caiTABCDE   97   ebgR     18   appY   58   carAB   98   ecfABC     19   araBAD   59   cbl   99   ecfD     20   araC   60   cirA   100   ecfF     21   araE   61   clpP   101   ecfG     22   araFG_araH_1H_2   62   codBA   102   ecfH     23   araCBH   65   cpxP   105<	9	adiA_adiY	49	betIBA	89	dmsABC
12   alaWX   52   bioBFCD   92   dps     13   aldB   53   birA_murA   93   dsbA     14   alkA   54   cadBA   94   dsdC     15   alpA   55   cadC   95   dsdXA     16   ansB   56   caiF   96   ebgAC     17   appCBA   57   caiTABCDE   97   ebgR     18   appCBA   57   caiTABCDE   97   ebgR     19   araBAD   59   cbl   99   ecfD     20   araC   60   cirA   100   ecfF     21   araE   61   clpP   101   ecfG     21   araE_G_araH_1H_2   62   codBA   102   ecfH     23   araJ   63   cpdB   103   ecfl     24   arcA   64   cpxAR   104   ecfl     25   argCBH   65   cpxP   105 <th>10</th> <th>ahpCF</th> <th>50</th> <th>betT</th> <th>90</th> <th>dnaA</th>	10	ahpCF	50	betT	90	dnaA
13   aldB   53   birA_murA   93   dsbA     14   alkA   54   cadBA   94   dsdC     15   alpA   55   cadC   95   dsdXA     16   ansB   56   caiF   96   ebgAC     17   appCBA   57   caiTABCDE   97   ebgR     18   appY   58   carAB   98   ecfABC     19   araBAD   59   cbl   99   ecfD     20   araC   60   cirA   100   ecfF     21   araE   61   clpP   101   ecfG     21   araE_garaH_1H_2   62   codBA   102   ecfH     23   araJ   63   cpdB   103   ecfl     24   arcA   64   cpxAR   104   ecfJ     25   argCBH   65   cpxP   105   ecfK     26   argD   66   crp   106	11	aidB	51	bioA	91	dnaKJ
14   alkA   54   cadBA   94   dsdC     15   alpA   55   cadC   95   dsdXA     16   ansB   56   caiF   96   ebgAC     17   appCBA   57   caiTABCDE   97   ebgR     18   appY   58   carAB   98   ecfABC     19   araBAD   59   cbl   99   ecfD     20   araC   60   cirA   100   ecfF     21   araE   61   clpP   101   ecfG     21   araE   61   clpP   101   ecfG     22   araFG_araH_1H_2   62   codBA   102   ecfH     23   araJ   63   cpdB   103   ecfl     24   arcA   64   cpxAR   104   ecfl     25   argBBH   65   cpxP   105   ecfK     26   argD   66   crp   csgBA	12	alaWX	52	bioBFCD	92	dps
15   alpA   55   cadC   95   dsdXA     16   ansB   56   caiF   96   ebgAC     17   appCBA   57   caiTABCDE   97   ebgR     18   appY   58   carAB   98   ecfABC     19   araBAD   59   cbl   99   ecfD     20   araC   60   cirA   100   ecfF     21   araE   61   clpP   101   ecfG     21   araE   61   clpP   101   ecfG     22   araFG_araH_1H_2   62   codBA   102   ecfH     23   araJ   63   cpdB   103   ecfI     24   arcA   64   cpxAR   104   ecfJ     25   argCBH   65   cpxP   105   ecfK     26   argD   66   crp   106   ecfLM     27   argE   67   csgBA   107	13	aldB	53	birA_murA	93	dsbA
16   ansB   56   caiF   96   ebgAC     17   appCBA   57   caiTABCDE   97   ebgR     18   appY   58   carAB   98   ecfABC     19   araBAD   59   cbl   99   ecfD     20   araC   60   cirA   100   ecfF     21   araE   61   clpP   101   ecfG     22   araFG_araH_1H_2   62   codBA   102   ecfH     23   araJ   63   cpdB   103   ecfI     24   arcA   64   cpxAR   104   ecfJ     25   argCBH   65   cpxP   105   ecfK     26   argD   66   crp   106   ecfLM     27   argE   67   csgBA   107   ecpD_htrE     28   argF   68   csgDEFG   108   edd_eda     29   argI   69   cspA   109 <th>14</th> <th>alkA</th> <th>54</th> <th>cadBA</th> <th>94</th> <th>dsdC</th>	14	alkA	54	cadBA	94	dsdC
17   appCBA   57   caiTABCDE   97   ebgR     18   appY   58   carAB   98   ecfABC     19   araBAD   59   cbl   99   ecfD     20   araC   60   cirA   100   ecfF     21   araE   61   clpP   101   ecfG     22   araFG_araH_1H_2   62   codBA   102   ecfH     23   araJ   63   cpdB   103   ecfl     24   arcA   64   cpxAR   104   ecfJ     25   argCBH   65   cpxP   105   ecfK     26   argD   66   crp   106   ecfLM     27   argE   67   csgBA   107   ecpD_htrE     28   argF   68   csgDEFG   108   edd_eda     29   argI   69   cspA   109   emrCEBA     31   argU   71   cvpA_purF_ubiX	15	alpA	55	cadC	95	dsdXA
18   appY   58   carAB   98   ecfABC     19   araBAD   59   cbl   99   ecfD     20   araC   60   cirA   100   ecfF     21   araE   61   clpP   101   ecfG     22   araFG_araH_1H_2   62   codBA   102   ecfH     23   araJ   63   cpdB   103   ecfl     24   arcA   64   cpxAR   104   ecfJ     25   argCBH   65   cpxP   105   ecfK     26   argD   66   crp   106   ecfLM     27   argE   67   csgBA   107   ecpD_htrE     28   argF   68   csgDEFG   108   edd_eda     29   argI   69   cspA   109   emrRAB     30   argR   70   cutC   110   entCEBA     31   argU   71   cvpA_purF_ubiX   <	16	ansB	56	caiF	96	ebgAC
19 araBAD 59 cbl 99 ecfD   20 araC 60 cirA 100 ecfF   21 araE 61 clpP 101 ecfG   22 araFG_araH_1H_2 62 codBA 102 ecfH   23 araJ 63 cpdB 103 ecfl   24 arcA 64 cpxAR 104 ecfJ   25 argCBH 65 cpxP 105 ecfK   26 argD 66 crp 106 ecfLM   27 argE 67 csgBA 107 ecpD_htrE   28 argF 68 csgDEFG 108 edd_eda   29 argI 69 cspA 109 emrRAB   30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB <	17	аррСВА	57	caiTABCDE	97	ebgR
20 araC 60 cirA 100 ecfF   21 araE 61 clpP 101 ecfG   22 araFG_araH_1H_2 62 codBA 102 ecfH   23 araJ 63 cpdB 103 ecfI   24 arcA 64 cpxAR 104 ecfJ   25 argCBH 65 cpxP 105 ecfK   26 argD 66 crp 106 ecfLM   27 argE 67 csgBA 107 ecpD_htrE   28 argF 68 csgDEFG 108 edd_eda   29 argI 69 cspA 109 emrRAB   30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR	18	аррҮ	58	carAB	98	ecfABC
21 araE 61 clpP 101 ecfG   22 araFG_araH_1H_2 62 codBA 102 ecfH   23 araJ 63 cpdB 103 ecfl   24 arcA 64 cpxAR 104 ecfJ   25 argCBH 65 cpxP 105 ecfK   26 argD 66 crp 106 ecfLM   27 argE 67 csgBA 107 ecpD_htrE   28 argF 68 csgDEFG 108 edd_eda   29 argI 69 cspA 109 emrRAB   30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynTSX 115 exuT   36 aroH 76 cyoABCDE </th <th>19</th> <th>araBAD</th> <th>59</th> <th>cbl</th> <th>99</th> <th>ecfD</th>	19	araBAD	59	cbl	99	ecfD
22 araFG_araH_1H_2 62 codBA 102 ecfH   23 araJ 63 cpdB 103 ecfI   24 arcA 64 cpxAR 104 ecfJ   25 argCBH 65 cpxP 105 ecfK   26 argD 66 crp 106 ecfLM   27 argE 67 csgBA 107 ecpD_htrE   28 argF 68 csgDEFG 108 edd_eda   29 argI 69 cspA 109 emrRAB   30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE </th <th>20</th> <th>araC</th> <th>60</th> <th>cirA</th> <th>100</th> <th>ecfF</th>	20	araC	60	cirA	100	ecfF
23 araJ 63 cpdB 103 ecfl   24 arcA 64 cpxAR 104 ecfJ   25 argCBH 65 cpxP 105 ecfK   26 argD 66 crp 106 ecfLM   27 argE 67 csgBA 107 ecpD_htrE   28 argF 68 csgDEFG 108 edd_eda   29 argI 69 cspA 109 emrRAB   30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysBNC </th <th>21</th> <th>araE</th> <th>61</th> <th>clpP</th> <th>101</th> <th>ecfG</th>	21	araE	61	clpP	101	ecfG
24 arcA 64 cpxAR 104 ecfJ   25 argCBH 65 cpxP 105 ecfK   26 argD 66 crp 106 ecfLM   27 argE 67 csgBA 107 ecpD_htrE   28 argF 68 csgDEFG 108 edd_eda   29 argI 69 cspA 109 emrRAB   30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC<	22	araFG_araH_1H_2	62	codBA	102	ecfH
25 argCBH 65 cpxP 105 ecfK   26 argD 66 crp 106 ecfLM   27 argE 67 csgBA 107 ecpD_htrE   28 argF 68 csgDEFG 108 edd_eda   29 argI 69 cspA 109 emrRAB   30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL	23	araJ	63	cpdB	103	ecfl
26 argD 66 crp 106 ecfLM   27 argE 67 csgBA 107 ecpD_htrE   28 argF 68 csgDEFG 108 edd_eda   29 argl 69 cspA 109 emrRAB   30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fadBA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL	24	arcA	64	cpxAR	104	ecfJ
27 argE 67 csgBA 107 ecpD_htrE   28 argF 68 csgDEFG 108 edd_eda   29 argl 69 cspA 109 emrRAB   30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL	25	argCBH	65	срхР	105	ecfK
28 argF 68 csgDEFG 108 edd_eda   29 argl 69 cspA 109 emrRAB   30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL	26	argD	66	crp	106	ecfLM
29 argl 69 cspA 109 emrRAB   30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL	27	argE	67	-	107	ecpD_htrE
30 argR 70 cutC 110 entCEBA   31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL		argF		csgDEFG		edd_eda
31 argU 71 cvpA_purF_ubiX 111 envY_ompT   32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL	29	argl	69	cspA	109	emrRAB
32 argW 72 cyaA 112 epd_pgk   33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL	30	argR	70	cutC	110	entCEBA
33 argX_hisR_leuT_proM 73 cydAB 113 evgA   34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL	31	argU	71	cvpA_purF_ubiX	111	envY_ompT
34 aroF_tyrA 74 cynR 114 exuR   35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL	32	argW	72	суаА	112	epd_pgk
35 aroG 75 cynTSX 115 exuT   36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL	33	argX_hisR_leuT_proM	73	cydAB	113	evgA
36 aroH 76 cyoABCDE 116 fabA   37 aroL_yaiA_aroM 77 cysB 117 fadBA   38 aroP 78 cysDNC 118 fadL	34	aroF_tyrA	74	cynR	114	exuR
37   aroL_yaiA_aroM   77   cysB   117   fadBA     38   aroP   78   cysDNC   118   fadL	35	aroG	75	cynTSX	115	exuT
<b>38</b> aroP <b>78</b> cysDNC <b>118</b> fadL				•		
•		<del>-</del> ' -		•	117	
<b>39</b> arsEFG <b>79</b> cvsIIH <b>119</b> fadR		aroP		•		
55 5,55	39	arsEFG	79	cysJIH	119	fadR