

<i>a1</i>	<i>a2</i>	<i>β1</i>	<i>β2</i>	<i>a3</i>	<i>a4</i>	<i>a5</i>
20	40		60	80		
*	*		*	*		
TraR_{NOR}	----MSVNGNLRSLIDMEAAQDGHM1KIA1RSFAHSGCYDRFAYLQKDGT-----QVRTFHSYPGPWESIYLGSDFNIDPVIAEAKR :	80				
TraR_{At}	----MQHWLDKLTDLAAIEGDEC1LKTG1ADIADHFCTGYAYLH1QHR-----HITAVTNYHROWQSTYFDKKFALDPVVKRARS :	78				
LuxR	--MN1KNINANKE1IDK1KTCNNNK1UNQO1SEIAK1I1HCEY1LEAI1YPHS1IKPDVS1IDNYPEKWRKYYDDAGLEYDPPVDSKS :	87				
LasR	----MALVDGFLE1ERSSGKLEWSA1LQKMASDLGFSK1ILEGLLPKDSQDYENAFIVGNYPAAWREHYDRAGYARVDPTVSHCTQ :	81				
RhlR	MRNDGGFL1NWWDGLRSE1QPIHDSQGVFAV1EKEVRLCFD1YAYGVRHTIPFTRPKTEVHGTYPKAWLERYOMCNYGA1DPA1LGLR :	89				
EsaR	----MFSFF1ENQ1T1DT1LQT1YQRKLSPLGSPD1AYTVVSKK--NPSNVL1ISSY1DEWIRLYRANNFQL1DPPV1LTAFK :	75				
ExpR	----MS1SF1SNVDF1NST1QSY1NRKLKS1CDPKY1AYLIMNKK--KPTD1V11SNY1PTEW1DIYRN1NNYQH1DPPV1LTAIN :	75				
CerR	----MD11D1STVATDDAS1FLD1YDQLCQ1KLGFD1ASYATTSP--MTGAVQGY1ANY1PDSW1KMH1MRRN1LHR1DPT1HK1SAL :	75				
<i>β3</i>	<i>a6</i>	<i>a7</i>	<i>β4</i>	<i>a8</i>	<i>β5</i>	<i>a9</i>
100	120		140			
*	*		*	*		
TraR_{NOR}	RRDVFF1TADA1PARGSSPL1RRFRD1ISH1GIRC-GV11FVEGSY1GSAM1LT1FASP-ERK1V1DIS1GV11D1PK1AV1Q1L1M1V1H1Y1QLK- :	162				
TraR_{At}	RKH1F1W1S1GE1H1E1R1P1T1L1S1K1D1E1R1F1D1H1A1S1D1F1G1R1S1-G1T1F1I1K1T1A1G1M1F1T1M1A1S1D1-K1P1V1D1L1D1R1E1I1D1A1V1A1A1A1T1I1G1Q1H1A1R1S1- :	160				
LuxR	HH1S1P1N1V1N1V1F1E1K1T1K1K1S1-P1N1V1K1E1A1Q1E1S1G1L1T1-G1B1S1F1I1H1A1S1N1G1F1G1M1L1S1F1A1H1S1D1K1T1S1L1H1A1S1T1N1V1P1L1M1P1S1L1V1D1N1- :	168				
LasR	S1V1L1P1F1E1P1S1I1Y1Q1T1R1K1Q1H1---E1F1E1E1P1A1S1A1G1L1V1-Y1G1T1M1P1L1H1G1A1R1G1E1L1G1A1S1L1S1V1E1A1E1N1R1A1F1M1E1S1V1L1P1T1L1W1M1L1K1D1Y1Q1S1- :	161				
RhlR	S1S1E1M1V1W1S1D1S1L1F1D1Q1S1R1---M1W1N1E1R1W1G1L1C1V1-G1A1T1L1I1R1A1P1N1L1S1V1S1L1S1V1A1R1D1Q1N1S1F1E1E1R1E1I1R1L1R1C1M1E1L1I1T1Q1K1T1- :	167				
EsaR	R1T1S1P1F1A1D1N1T1I1M1S1D1L1R1F1-T1K1E1S1L1S1K1Q1N1V1-N1G1T1Y1V1L1H1D1H1M1N1L1A1L1S1V1I1K1G1N1D1Q1T1A1L1E1Q1R1I1A1E1Q1G1T1M1Q1M1L1I1D1F1N1Q1M1Y1R1L1A1- :	162				
ExpR	K1S1P1F1S1D1D1L1V1I1S1S1K1L1K1F1-S1R1E1N1L1S1K1D1Y1L1V1-N1G1T1F1V1L1H1S1P1G1N1L1A1L1S1F1M1E1E1H1R1S1E1E1L1E1I1Q1N1K1D1L1Q1M1L1I1S1A1H1E1K1L1T1S1Y1- :	162				
CerR	S1A1P1V1W1S1R1---F1E1R1D1F1-R1A1V1F1A1E1D1G1T1P1Q1G1L1I1V1-E1V1R1G1P1Y1D1R1G1L1S1V1T1R1N1-C1A1R1P1E1W1K1H1R1A1V1K1A1G1E1L1Q1E1L1H1D1- :	153				
<i>a10</i>	<i>a11</i>	<i>a12</i>	<i>a13</i>			
80	200	220	240	260		
*	*		*			
TraR_{NOR}	----IIA1K1T1V1L1N1P1K1Q1M1S1P1R1E1M1L1C1I1W1A1S1K1G1K1T1A1S1V1T1A1P1T1G1I1N1A1P1T1V1Q1H1Y1D1K1A1R1K1L1D1A1E1S1V1P1Q1L1V1A1K1D1R1G1T1V1- :	236				
TraR_{At}	----FL1R1T1P1T1A1D1A1W1K1E1A1D1K1E1T1Y1R1W1I1A1V1G1K1T1M1E1I1A1I1V1E1G1W1K1Y1N1V1R1V1K1U1R1E1M1K1F1D1V1R1S1K1A1L1T1A1R1R1K1L1- :	234				
LuxR	----Y1Q1K1I1T1R1K1K1S1D1S1L1I1K1R1K1E1C1L1A1W1A1S1G1K1G1T1S1W1I1S1V1C1N1S1E1A1N1W1F1H1M1G1N1I1R1R1K1F1G1V1T1S1R1R1V1A1I1M1A1V1N1L1G1I1T1L1- :	249				
LasR	----G1A1G1L1A1F1H1P1V1P1K1V1L1T1S1R1K1E1V1L1C1Q1M1C1A1G1K1T1S1I1W1S1E1V1C1N1C1S1E1A1N1W1F1H1M1G1N1I1R1R1K1F1G1V1T1S1R1R1V1A1I1M1A1V1N1L1G1I1T1L1- :	239				
RhlR	--D1L1E1H1P1M1L1M1S1---P1V1C1L1S1H1R1R1R1E1I1Q1M1Q1T1A1D1G1K1S1G1E1I1A1I1L1S1I1S1E1S1T1V1N1F1H1K1N1I1Q1K1K1F1D1A1P1N1K1T1L1A1A1Y1A1A1G1L1I1- :	241				
EsaR	G1T1E1G1E1R1A1P1A1L1N1Q1S1A1D1K1T1F1S1S1R1R1N1P1V1I1Y1D1A1S1M1G1K1T1Y1A1T1A1I1T1G1I1S1V1T1V1F1H1T1K1N1V1V1K1L1G1V1S1N1R1Q1A1I1R1G1V1E1L1I1R1P1A1A1S1A1R1- :	249				
ExpR	-R1E1M1R1S1R1N1N1S1K1Q1E1A1D1F1S1C1R1E1N1P1F1I1L1H1A1S1M1G1K1T1Y1Q1D1A1I1L1G1I1T1S1T1V1F1H1T1K1N1V1V1K1L1G1V1L1N1A1K1H1A1R1I1L1G1V1E1M1N1L1I1K1P1V1G1P1A1K1S1- :	250				
CerR	--A1V1M1R1S1D1V1S1R1Q1F1R1P1L1S1T1R1D1I1P1I1Q1M1A1A1G1K1Q1S1Q1D1G1D1I1L1G1I1S1H1I1T1V1E1V1I1L1R1S1A1R1E1K1G1L1T1S1V1Q1A1V1G1R1A1G1L1G1V1Y1P1- :	233				