



SJA\_C1-09340  
SJA\_C1-00820  
SJA\_C1-22410  
SJA\_C1-28640  
SJA\_C1-10450  
SJA\_C1-29270  
SJA\_C1-11740  
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SJA\_C1-11330  
SJA\_C1-25650  
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SJA\_C1-04940  
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SJA\_C1-29360  
SJA\_C1-27750  
SJA\_C1-22710  
SJA\_C1-06600  
SJA\_C1-06010  
SJA\_C1-24490  
SJA\_C1-14160  
SJA\_C1-28590  
SJA\_C1-23350  
SJA\_C1-08000  
SJA\_C1-21420  
SJA\_C1-32820  
SJA\_C1-10980  
SJA\_C1-11220  
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SJA\_C1-11300  
SJA\_C1-23110  
SJA\_C1-07170  
SJA\_C1-15680  
SJA\_C1-28910  
SJA\_C1-09330  
SJA\_C1-31110  
SJA\_C1-25790  
SJA\_C1-25430  
SJA\_C1-25830  
SJA\_C1-10800



- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

**Cluster**

**Family**

**Domains**

Cluster	Family	Domains
Pair	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	CheY	1 Response_reg
Pair	NarL	1 Response_reg,1 HTH_LUXR
Orphan	unclassified	1 Response_reg
Orphan	CheY	1 Response_reg
Pair	LytTR	1 Response_reg,1 LytTR
Pair	LytTR	1 Response_reg,1 LytTR
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Triad	CheY	1 Response_reg
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	CheB	1 Response_reg,1 CheB_methylest
Pair	PrrA	1 Response_reg,1 HTH_8
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Tetrad	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Tetrad	NtrC	1 Response_reg,1 AAA_2,1 HTH_8
Triad	NarL	1 Response_reg,1 GerE
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Pair	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	Hybrid	1 CHASE3,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 CHASE3,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	unclassified	1 Response_reg
Orphan	PleD_VieA	1 Response_reg,1 GGDEF,1 EAL
Orphan	AmiR_NasR	1 Response_reg,1 ANTAR
Orphan	unclassified	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Pair	unclassified	1 REC
Orphan	unclassified	1 REC
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Pair	NarL	1 Response_reg,1 HTH_LUXR
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Pair	OmpR	1 Response_reg,1 Trans_reg_C