



SIXTH FRAMEWORK PROGRAMME

Specific Targeted Research Projects

**PRIORITY 1**

**LIFE SCIENCES, GENOMICS AND BIOTECHNOLOGY FOR HEALTH**

**Contract no: LSHG-CT-2004-  
512143**

# **DIAMONDS**

**Dedicated Integration And Modelling Of Novel Data and  
prior knowledge to enable Systems biology**

EU Deliverable

**D1.7**

Assorted reagents for functional studies of selected genes/proteins

**Dissemination Level : PU**

(Public)

**Due Date:** 1<sup>st</sup> January 2008

**Delivery Date:** 15<sup>th</sup> November 2008

Version 1

**Partner responsible:** Martin Kuiper **(VIB)**



## D1.7: Assorted reagents for functional studies of selected genes/proteins

The following is a list of assorted reagents for functional studies of selected genes and proteins. The contact person's coordinates are given with each section.

### Partner Sanger:

Jürg Bähler  
The Wellcome Trust Sanger Institute (SANGER)  
Wellcome Trust Genome Campus,  
Hinxton, Cambridge,  
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Email: [jurg@sanger.ac.uk](mailto:jurg@sanger.ac.uk)  
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Fax +44 (0)1223-496802

List of *S. pombe* strains created for project and shareable with public (Sanger)

Yox1 deletion mutants:

*yox1Δ::kanMX6 ade6- h+*  
*yox1Δ::kanMX6 cdc25-22 h+*

Yox1 tagged strain:

*yox1-3HA::kanMX6*

Sep1 tagged strain:

*sep1-2TAP::kanMX6*

### Partner BRIC:

Kristian Helin  
Københavns Biocenter,  
BRIC, Ole Maaløes Vej 5  
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Email: [Kristian.Helin@bric.dk](mailto:Kristian.Helin@bric.dk)  
Phone: +45 353-25668  
Phone (Secretary): +45 353-25666

List of materials:

p53 antibody  
shRNA (pretroSuper vector), expression plasmid, QPCR primer  
EZH2 antibody, expression plasmid, QPCR primer  
CBX8 antibody, expression plasmid, shRNA construct, QPCR primer  
Suv39H2 expression plasmid  
p21 antibody, shRNA construct

**Partner VIB:**

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Plant Systems biology  
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Fax: +32 9 33 13809

## List of materials:

<b>collect number</b>	<b>vector</b>	<b>insert</b>
6201	pDONR221	CDKA;1
6202	pDONR221	CDKA;1DN
6203	pDONR221	CDKB1;1
6204	pDONR221	CDKB1;1DN
6205	pDONR221	CDKB1;2
6206	pDONR221	CDKB2;2
6207	pDONR221	CDKB-IC26
6208	pDONR221	CDKB-VB057
6209	pDONR221	CDKB-VB239
6210	pDONR221	CDKC;1
6211	pDONR221	CDKC;2
6212	pDONR221	CDKD;1
6213	pDONR221	CDKD;2
6214	pDONR221	CDKD;3
6215	pDONR221	CDKE;1
6216	pDONR221	CDKF;1
6217	pDONR221	CDKB2;1
6218	pDONR221	CKS1
6219	pDONR221	CKS2
6220	pDONR221	CKS-BC001
6221	pDONR221	CKS-BC011
6222	pDONR221	CKS-BC098
6223	pDONR221	CKS-BC103
6224	pDONR221	CYCA1;1
6225	pDONR221	CYCA1;1D
6226	pDONR221	CYCA2;1
6227	pDONR221	CYCA2;1D83
6228	pDONR221	CYCA2;2
6229	pDONR221	CYCA2;2D
6230	pDONR221	CYCA2;3
6231	pDONR221	CYCA2;3D
6232	pDONR221	CYCA2;4
6233	pDONR221	CYCA2;4D
6234	pDONR221	CYCA3;1
6235	pDONR221	CYCA3;1D
6236	pDONR221	CYCA3;2
6237	pDONR221	CYCA3;2D
6238	pDONR221	CYCB1;1
6239	pDONR221	CYCB1;3
6240	pDONR221	CYCB1;4
6241	pDONR221	CYCB2;1

<b>collect number</b>	<b>vector</b>	<b>insert</b>
6242	pDONR221	CYCB2;1D
6243	pDONR221	CYCB2;2
6244	pDONR221	CYCB2;3
6245	pDONR221	CYCB3;1
6246	pDONR221	CYCD2;1
6247	pDONR221	CYCD3;1
6248	pDONR221	CYCD3;2
6249	pDONR221	CYCD4;1
6250	pDONR221	CYCD5;1
6251	pDONR221	CYCD6;1
6252	pDONR221	CYCH;1
6253	pDONR221	CYCT
6254	pDONR221	DEL1
6255	pDONR221	DEL1-BC059
6256	pDONR221	DEL1-BC062
6257	pDONR221	DEL1-BC068
6258	pDONR221	DEL1-BC072
6259	pDONR221	DEL2
6260	pDONR221	DEL3
6261	pDONR221	DPa
6262	pDONR221	DPa-BC121
6263	pDONR221	DPa-BC60
6264	pDONR221	DPb
6265	pDONR221	E2Fa
6266	pDONR221	E2Fa-BC009
6267	pDONR221	E2Fb
6268	pDONR221	E2Fb-BC010
6269	pDONR221	E2Fc
6270	pDONR221	GPTv2
6271	pDONR221	KRP1
6272	pDONR221	KRP2
6273	pDONR221	KRP3
6274	pDONR221	KRP4
6275	pDONR221	KRP5
6276	pDONR221	KRP6
6277	pDONR221	KRP7
6278	pDONR221	KRP-BC004
6279	pDONR221	KRP-BC078
6280	pDONR221	KRP-BC112
6281	pDONR221	KRP-BC23
6301	pDONR221	RB
6302	pDONR221	WEE
6303	pDONR221	CYCC2
6304	pDONR221	INT62-1
6305	pDONR221	PLP1
6306	pDONR221	PLP2
6307	pDONR221	PLP3
6308	pDONR221	PLP4
6309	pDONR221	PLP5
6310	pDONR221	PLP6
6311	pDONR221	PLP7
6312	pDONR221	C42
6313	pDONR221	GUS
6314	pDONR221	PIN1

<b>collect number</b>	<b>vector</b>	<b>insert</b>
6319	pDEST32	CDKA;1
6320	pDEST32	CDKA;1DN
6321	pDEST32	CDKB1;1
6322	pDEST32	CDKB1;1DN
6323	pDEST32	CDKB1;2
6324	pDEST32	CDKB2;2
6325	pDEST32	CDKB-IC26
6326	pDEST32	CDKB-VB057
6327	pDEST32	CDKB-VB239
6328	pDEST32	CDKC;1
6329	pDEST32	CDKC;2
6330	pDEST32	CDKD;1
6331	pDEST32	CDKD;2
6332	pDEST32	CDKD;3
6333	pDEST32	CDKE;1
6334	pDEST32	CDKF;1
6335	pDEST32	CDKB2;1
6336	pDEST32	CKS1
6337	pDEST32	CKS2
6338	pDEST32	CKS-BC001
6339	pDEST32	CKS-BC011
6340	pDEST32	CKS-BC098
6341	pDEST32	CKS-BC103
6342	pDEST32	CYCA1;1
6343	pDEST32	CYCA1;1D
6344	pDEST32	CYCA2;1
6345	pDEST32	CYCA2;1D83
6346	pDEST32	CYCA2;2
6347	pDEST32	CYCA2;2D
6348	pDEST32	CYCA2;3
6349	pDEST32	CYCA2;3D
6350	pDEST32	CYCA2;4
6351	pDEST32	CYCA2;4D
6352	pDEST32	CYCA3;1
6353	pDEST32	CYCA3;1D
6354	pDEST32	CYCA3;2
6355	pDEST32	CYCA3;2D
6356	pDEST32	CYCB1;1
6357	pDEST32	CYCB1;3
6358	pDEST32	CYCB1;4
6359	pDEST32	CYCB2;1
6360	pDEST32	CYCB2;1D
6361	pDEST32	CYCB2;2
6362	pDEST32	CYCB2;3
6363	pDEST32	CYCB3;1
6364	pDEST32	CYCD2;1
6365	pDEST32	CYCD3;1
6366	pDEST32	CYCD3;2
6367	pDEST32	CYCD4;1
6368	pDEST32	CYCD5;1
6369	pDEST32	CYCD6;1
6370	pDEST32	CYCH;1
6371	pDEST32	CYCT
6372	pDEST32	DEL1

<b>collect number</b>	<b>vector</b>	<b>insert</b>
6373	pDEST32	DEL1-BC059
6374	pDEST32	DEL1-BC062
6375	pDEST32	DEL1-BC068
6376	pDEST32	DEL1-BC072
6377	pDEST32	DEL2
6378	pDEST32	DEL3
6379	pDEST32	DPa
6380	pDEST32	DPa-BC121
6381	pDEST32	DPa-BC60
6401	pDEST32	DPb
6402	pDEST32	E2Fa
6403	pDEST32	E2Fa-BC009
6404	pDEST32	E2Fb
6405	pDEST32	E2Fb-BC010
6406	pDEST32	E2Fc
6407	pDEST32	GPTv2
6408	pDEST32	KRP1
6409	pDEST32	KRP2
6410	pDEST32	KRP3
6411	pDEST32	KRP4
6412	pDEST32	KRP5
6413	pDEST32	KRP6
6414	pDEST32	KRP7
6415	pDEST32	KRP-BC004
6416	pDEST32	KRP-BC078
6417	pDEST32	KRP-BC112
6418	pDEST32	KRP-BC23
6419	pDEST32	RB
6420	pDEST32	WEE
6421	pDEST32	CYCC2
6422	pDEST32	INT62-1
6423	pDEST32	PLP1
6424	pDEST32	PLP2
6425	pDEST32	PLP3
6426	pDEST32	PLP4
6427	pDEST32	PLP5
6428	pDEST32	PLP6
6429	pDEST32	PLP7
6430	pDEST32	C42
6431	pDEST32	GUS
6432	pDEST32	PIN
6433	pDEST22	CDKA;1
6434	pDEST22	CDKA;1DN
6435	pDEST22	CDKB1;1
6436	pDEST22	CDKB1;1DN
6437	pDEST22	CDKB1;2
6438	pDEST22	CDKB2;2
6439	pDEST22	CDKB-IC26
6440	pDEST22	CDKB-VB057
6441	pDEST22	CDKB-VB239
6442	pDEST22	CDKC;1
6443	pDEST22	CDKC;2
6444	pDEST22	CDKD;1
6445	pDEST22	CDKD;2

<b>collect number</b>	<b>vector</b>	<b>insert</b>
6446	pDEST22	CDKD;3
6447	pDEST22	CDKE;1
6448	pDEST22	CDKF;1
6449	pDEST22	CDKB2;1
6450	pDEST22	CKS1
6451	pDEST22	CKS2
6452	pDEST22	CKS-BC001
6453	pDEST22	CKS-BC011
6454	pDEST22	CKS-BC098
6455	pDEST22	CKS-BC103
6456	pDEST22	CYCA1;1
6457	pDEST22	CYCA1;1D
6458	pDEST22	CYCA2;1
6459	pDEST22	CYCA2;1D83
6460	pDEST22	CYCA2;2
6461	pDEST22	CYCA2;2D
6462	pDEST22	CYCA2;3
6463	pDEST22	CYCA2;3D
6464	pDEST22	CYCA2;4
6465	pDEST22	CYCA2;4D
6466	pDEST22	CYCA3;1
6467	pDEST22	CYCA3;1D
6468	pDEST22	CYCA3;2
6469	pDEST22	CYCA3;2D
6470	pDEST22	CYCB1;1
6471	pDEST22	CYCB1;3
6472	pDEST22	CYCB1;4
6473	pDEST22	CYCB2;1
6474	pDEST22	CYCB2;1D
6475	pDEST22	CYCB2;2
6476	pDEST22	CYCB2;3
6477	pDEST22	CYCB3;1
6478	pDEST22	CYCD2;1
6479	pDEST22	CYCD3;1
6480	pDEST22	CYCD3;2
6481	pDEST22	CYCD4;1
6501	pDEST22	CYCD5;1
6502	pDEST22	CYCD6;1
6503	pDEST22	CYCH;1
6504	pDEST22	CYCT
6505	pDEST22	DEL1
6506	pDEST22	DEL1-BC059
6507	pDEST22	DEL1-BC062
6508	pDEST22	DEL1-BC068
6509	pDEST22	DEL1-BC072
6510	pDEST22	DEL2
6511	pDEST22	DEL3
6512	pDEST22	DPa
6513	pDEST22	DPa-BC121
6514	pDEST22	DPa-BC60
6515	pDEST22	DPb
6516	pDEST22	E2Fa
6517	pDEST22	E2Fa-BC009
6518	pDEST22	E2Fb

<b>collect number</b>	<b>vector</b>	<b>insert</b>
6519	pDEST22	E2Fb-BC010
6520	pDEST22	E2Fc
6521	pDEST22	GPTv2
6522	pDEST22	KRP1
6523	pDEST22	KRP2
6524	pDEST22	KRP3
6525	pDEST22	KRP4
6526	pDEST22	KRP5
6527	pDEST22	KRP6
6528	pDEST22	KRP7
6529	pDEST22	KRP-BC004
6530	pDEST22	KRP-BC078
6531	pDEST22	KRP-BC112
6532	pDEST22	KRP-BC23
6533	pDEST22	RB
6534	pDEST22	WEE
6535	pDEST22	CYCC2
6536	pDEST22	INT62-1
6537	pDEST22	PLP1
6538	pDEST22	PLP2
6539	pDEST22	PLP3
6540	pDEST22	PLP4
6541	pDEST22	PLP5
6542	pDEST22	PLP6
6543	pDEST22	PLP7
6544	pDEST22	C42
6545	pDEST22	GUS
6546	pDEST22	PIN