TABLES.CHR2_EMBL_LIST.txt

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The content of this file is part of the data unraveled by a consortium of European laboratories supported by the Commission of the European Union in the framework of sequencing yeast chromosome II.

H. Feldmann et al. (1994) ' Complete sequence of yeast chromosome II', submitted

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>>> The data may be used for scientific purposes under the condition that the proper reference is given. <<<<

We have made every effort to ensure liability of the data and cannot be responsible for the consequences to users of any errors resulting from its use.

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Table 1. Yeast chromosome II: EMBL entry list

EMBL acc. number	coordinates in contig begin	end	Systematic ORF nomencl.	PIR acc. number	Coordinates for ORF translation in EMBL entry	MIPS working nomenclature
Z35869	1	4009	YBL108w	S45851	2223-2525	YBL0801
Z35868	2526	4895	YBL107c	S45850	2072-1485 C	YBL0805
Z35867	4598	8289	YBL106c	S45849	3328-299 C	YBL0806
Z35866	7926	12365	YBL105c	S45848	3817-365 C	YBL0807
Z35865	11743	16627	YBL104c	S45847	3398-624 C	YBL0808
Z35864	15141	18137	YBL103c	S45846	2435-1488 C	YBL0810
Z35863	17576	18988	YBL102w	S45845	563-1207	YBL0812
Z35862	18783	31024	YBL101c	S45844	3437-207 C	YBL0814
Z35861	22220	33177	YBL100c	S45841	9117-8806 C	YBL0826

	overlap		YBL099w	S45840	8867-10501	YBL0827
Z35859	32721	34943	YBL098w	S45839	458-1837	YBL0828
Z35858	34558	37211	YBL097w	S45838	387-2570	YBL0830
Z35857	37128	38293	YBL096c	S45837	390-85 C	YBL0834
	overlap		YBL095w	S45836	185-994	YBL0835
	overlap		YBL094c	S45835	1005-676 C	YBL0836
Z35854	38133	40012	YBL093c	S45834	821-162 C	YBL0837
Z35853	38954	41400	YBL092w	S45833	1060-1449	YBL0838
Z35852	40403	42859	YBL091c	S45832	2045-999 C	YBL0701
Z35851	42448	43458	YBL090w	S45831	413-943	YBL0702
Z35850	43391	45056	YBL089w	S45830	69-1595	YBL0703
Z35849	44986	53858	YBL088c	S45829	8432-72 C	YBL0706
Z35848	53418	55239	YBL087c	S45828	1356-1315, 810-442 C	YBL0713
Z35847	54774	57910	YBL086c	S45827	1864-467 C	YBL0714
Z35846	56638	61206	YBL085w	S45826	1274-4213	YBL0717
Z35845	60851	63750	YBL084c	S45825	2630-357 C	YBL0718
Z35844	63481	65900	YBL083c	S45824	693-271 C	YBL0719
	overlap		YBL082c	S45823	1682-309 C	YBL0720
Z35842	65163	67107	YBL081w	S45822	739-1842	YBL0722
Z35841	67005	69293	YBL080c	S45821	1726-104 C	YBL0724
Z35840	68731	74415	YBL079w	S45820	564-5069	YBL0725
Z35839	73800	74932	YBL078c	S45814	967-617 C	YBL0732
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	overlap		YBL076c	S45812	3531-316 C	YBL0734
Z35836	78298	80760	YBL075c	S45811	2187-241 C	YBL0610
Z35835	80485	82561	YBL074c	S45810	1341-277 C	YBL0611
	overlap		YBL073w	S45809	1198-1506	YBL0612
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Z35832	83162	84643	YBL071c	S45807	1406-1101 C	YBL0615
Z35831	84568	86366	YBL070c	S45806	394-77 C	YBL0616
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Z35819	105248	106806	YBL058w	S45793	193-1461	YBL0509
Z35818	106709	107765	YBL057c	S45792	740-99 C	YBL0510
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Z35814	113168	116759	YBL053w	S45788	172-543	YBL0514
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Z35806	127751	130001	YBL045c	S45779	1770-400 C	YBL0403
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Z35791	156717	160137	YBL030c	S45764	1285-332 C	YBL0421
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Z35789	160192	162426	YBL028c	S45762	1651-1334 C	YBL0424
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Z35778	180479	186454	YBL017c	S45751	5109-373 C	YBL0302
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Z35776	187514	193070	YBL015w	S45749	613-2190	YBL0304
Z35775	189704	196059	YBL014c	S45748	6049-3368 C	YBL0311
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Z35773	197239	200112	YBL012c	S45746	572-174 C	YBL0314
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Z35767	210370	211473	YBL006c	S45739	764-330 C	YBL0322
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Z35765	214402	229400	YBL004w	S45734	7239-14717	YBL0101
Z35764	229119	230495	YBL003c	S45732	678-283 C	YBL0103
Z35763	229797	231158	YBL002w	S45731	700-1092	YBL0104
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Z35871	235287	236811	YBR002c	S45853	1285-428 C	YBR0107
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Z35873	238231	239908	YBR004c	S45856	1440-142 C	YBR0110
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Z35875	240548	242810	YBR006w	S45858	466-1770	YBR0112
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Z35896	288021	288428	YBR027c	S45883	337-8 C	YBR0311
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Z35900	293949	295519	YBR031w	S45887	219-1304	YBR0315
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Z35902	295820	298933	YBR033w	S45889	126-2882	YBR0318
Z35903	298702	300272	YBR034c	S45890	1276-233 C	YBR0320
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Z35914	320062	324510	YBR045c	S45903	4032-2314 C	YBR0420
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Z35924	338134	341879	YBR055c	S45913	3169-473 C	YBR0508
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Z35926	343383	347675	YBR057c	S45915	3912-2815 C	YBR0514
Z35927	347295	350864	YBR058c	S45916	2790-382 C	YBR0515
Z35928	350085	354655	YBR059c	S45917	4104-781 C	YBR0519
Z35929	354189	358790	YBR060c	S45918	2327-468 C	YBR0523
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Z35936	364702	367864	YBR067c	S45928	2035-1406 C	YBR0622
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Z35940	373935	376029	YBR071w	S45934	477-1109	YBR0712
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Z35942	376672	380283	YBR073w	S45936	439-3312	YBR0715
Z35943	379984	381833	YBR074w	S45937	301-1539	YBR0718
Z35944	381523	384373	YBR075w	S45938	312-1691	YBR0719
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Z35946	385391	387122	YBR077c	S45941	902-417 C	YBR0723

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Z35950	394896	400635	YBR081c	S45946	4361-366 C	YBR0739
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Z35953	404632	409987	YBR084w	S45951	428-3352	YBR0751
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Z35967	435317	436934	YBR098w	S45966	203-1615	YBR0826
Z35968	436929	437828	YBR099c	S45967	384-4 C	YBR0828
	overlap		YBR100w	S45968	329-664	YBR0829
Z35970	437593	439069	YBR101c	S45969	1106-237 C	YBR0830
Z35971	438699	441713	YBR102c	S45970	2630-372 C	YBR0831
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Z35989	474325	475370	YBR120c	S45988	603-118 C	YBR0916
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Z35997	486827	488359	YBR128c	S45997	1293-262 C	YBR1003
Z35998	488120	489598	YBR129c	S45998	1224-241 C	YBR1004
Z35999	489344	491166	YBR130c	S45999	1530-256 C	YBR1005
Z36000	490874	493658	YBR131w	S46000	294-2405	YBR1006
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Z36002	495447	498857	YBR133c	S46002	2845-365 C	YBR1008
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Z36016	530098	531879	YBR147w	S46018	482-1369	YBR1124
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Z36018	533707	535215	YBR149w	S46020	285-1316	YBR1127
Z36019	535023	539031	YBR150c	S46021	3475-194 C	YBR1133
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Z36021	539980	541463	YBR152w	S46023	401-1273	YBR1202
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Z36027	548314	552687	YBR158w	S46029	2239-3885	YBR1208
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Z36029	553729	555637	YBR160w	S46031	353-1246	YBR1211
Z36030	554975	557209	YBR161w	S46032	664-1791	YBR1212
Z36031	556766	559726	YBR162c	S46033	1809-445 C	YBR1213
Z36032	558575	561881	YBR163w	S46034	1153-2907	YBR1215
Z36033	561482	562855	YBR164c	S46035	949-401 C	YBR1216
Z36034	562431	563848	YBR165w	S46036	426-1256	YBR1217

Z36035	563687	565474	YBR166c	S46037	1518-163 C	YBR1218
Z36036	565205	566374	YBR167c	S46038	690-271 C	YBR1219
Z36037	565895	567921	YBR168w	S46039	481-1719	YBR1220
Z36038	567614	570350	YBR169c	S46040	2387-309 C	YBR1221
Z36039	570001	572367	YBR170c	S46041	2090-351 C	YBR1231
Z36040	572091	573156	YBR171w	S46042	278-895	YBR1232
Z36041	572986	575732	YBR172c	S46043	2541-172 C	YBR1233
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Z36043	576177	577723	YBR174c	S46045	480-169 C	YBR1236
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Z36051	586779	590118	YBR182c	S46054	2090-735 C	YBR1245
Z36052	588869	591366	YBR183w	S46055	1251-2198	YBR1305
Z36053	591067	593129	YBR184w	S46056	301-1869	YBR1306
Z36054	592936	594556	YBR185c	S46057	1028-195 C	YBR1307
Z36055	593964	596637	YBR186w	S46058	594-2201	YBR1308
Z36056	596165	597691	YBR187w	S46059	474-1313	YBR1310
Z36057	597206	598511	YBR188c	S46060	906-487 C	YBR1316
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Z36062	602787	604041	YBR193c	S46065	971-303 C	YBR1403
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Z36065	605887	609209	YBR196c	S46068	2018-357 C	YBR1407
Z36066	607905	610133	YBR197c	S46069	1956-1306 C	YBR1410
Z36067	609861	612912	YBR198c	S46070	2667-274 C	YBR1411
Z36068	612528	614875	YBR199w	S46071	386-1777	YBR1412
Z36069	613682	617791	YBR200w	S46072	1195-2847	YBR1413
Z36070	616529	619776	YBR201w	S46073	1264-1686	YBR1414
Z36071	618215	623172	YBR202w	S46074	1563-4097	YBR1441
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Z36073	625945	627626	YBR204c	S46076	1442-318 C	YBR1444
Z36074	627387	629150	YBR205w	S46077	241-1452	YBR1445
	overlap		YBR206w	S46078	1220-1540	YBR1447
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Z36078	636216	639554	YBR209w	S46083	373-687	YBR1451
Z36079	636903	640165	YBR210w	S46084	2653-3078	YBR1457
Z36080	639981	641890	YBR211c	S46085	1157-186 C	YBR1458
Z36081	641138	644372	YBR212w	S46086	754-2769	YBR1459
Z36082	643907	645419	YBR213w	S46087	467-1288	YBR1461
Z36083	645195	647450	YBR214w	S46088	226-1806	YBR1501
Z36084	647001	649583	YBR215w	S46091	451-2319	YBR1503
Z36085	649320	651836	YBR216c	S46092	2286-265 C	YBR1505
Z36086	651606	652714	YBR217w	S46093	232-789	YBR1506
Z36087	652395	656506	YBR218c	S46094	3860-321 C	YBR1507
Z36088	656255	659160	YBR219c	S46095	1054-754, 332-253 C	_YBR1509
	overlap		YBR220c	S46096	2428-749 C	YBR1510
Z36090	658683	660727	YBR221c	S46097	1576-479 C	YBR1511
Z36091	660259	662670	YBR222c	S46098	2098-470 C	YBR1512
Z36092	662357	667579	YBR223c	S46099	1946-315 C	YBR1520
	overlap		YBR224w	S46100	1774-2286	YBR1521
	overlap		YBR225w	S46101	2276-4975	YBR1522

	overlap		YBR226c	S46102	5214-4807 C	YBR1523
Z36096	667571	669317	YBR227c	S46103	1569-10 C	YBR1524
Z36097	669140	670364	YBR228w	S46104	179-1090	YBR1525
Z36098	670230	673556	YBR229c	S46105	2997-136 C	YBR1526
Z36099	673227	676186	YBR230c	S46106	829-819, 721-331 C	_YBR1527
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Z36101	677096	679445	YBR232c	S46108	642-286 C	YBR1530
	overlap		YBR233w	S46109	338-1576	YBR1531
Z36103	678672	680905	YBR234c	S46110	1926-775 C	YBR1532
Z36104	680598	684390	YBR235w	S46111	309-3668	YBR1601
Z36105	684266	685973	YBR236c	S46113	1433-126 C	YBR1602
Z36106	685699	689114	YBR237w	S46114	276-2822	YBR1603
Z36107	688521	692361	YBR238c	S46115	2787-595 C	YBR1608
Z36108	691308	694497	YBR239c	S46116	2641-1055 C	YBR1622
Z36109	693949	696596	YBR240c	S46117	1899-550 C	YBR1624
Z36110	695848	698674	YBR241c	S46118	2213-750 C	YBR1625
Z36111	698061	699454	YBR242w	S46119	615-1328	YBR1627
Z36112	699389	701532	YBR243c	S46120	1410-67 C	YBR1628
Z36113	700799	702157	YBR244w	S46121	735-1220	YBR1632
Z36114	702019	705596	YBR245c	S46122	3568-140 C	YBR1633
Z36115	705587	707012	YBR246w	S46123	11-1171	YBR1634
Z36116	706758	708815	YBR247c	S46124	1704-256 C	YBR1635
Z36117	708462	710890	YBR248c	S46125	2010-355 C	YBR1640
Z36118	710472	713038	YBR249c	S46126	1529-420 C	YBR1701
Z36119	712001	715395	YBR250w	S46127	1039-2607	YBR1702
Z36120	714608	716616	YBR251w	S46132	789-1709	YBR1704
Z36121	716317	717275	YBR252w	S46133	301-741	YBR1705
Z36122	717058	717744	YBR253w	S46134	219-581	YBR1721
Z36123	717639	718461	YBR254c	S46135	631-107 C	YBR1722

Z36124	718270	721394	YBR255w	S46136	193-2274	YBR1723
Z36125	720544	722890	YBR256c	S46137	1565-852 C	YBR1724
Z36126	722109	723742	YBR257w	S46138	783-1619	YBR1725
Z36127	723728	724392	YBR258c	S46139	441-16 C	YBR1726
Z36128	724169	726647	YBR259w	S46140	225-2288	YBR1727
Z36129	726457	728840	YBR260c	S46141	2189-192 C	YBR1728
Z36130	728646	729728	YBR261c	S46142	891-196 C	YBR1729
Z36131	729537	731778	YBR262c	S46143	510-193 C	YBR1731
	overlap		YBR263w	S46144	509-2203	YBR1732
Z36133	731740	732587	YBR264c	S46145	693-40 C	YBR1733
Z36134	732433	733835	YBR265w	S46146	156-1115	YBR1734
Z36135	733548	735306	YBR266c	S46147	849-289 C	YBR1735
	overlap		YBR267w	S46148	596-1480	YBR1736
Z36137	735028	736192	YBR268w	S46149	280-594	YBR1736A
Z36138	735622	736769	YBR269c	S46150	961-572 C	YBR1737
Z36139	736583	738857	YBR270c	S46151	1822-188 C	YBR1738
Z36140	738405	740369	YBR271w	S46152	454-1710	YBR1739
Z36141	740115	742069	YBR272c	S46153	1695-256 C	YBR1740
Z36142	741810	743599	YBR273c	S46154	1568-261 C	YBR1741
Z36143	743378	745364	YBR274w	S46155	223-1803	YBR1742
Z36144	745181	751629	YBR275c	S46157	5932-185 C	YBR1743
Z36145	749050	754224	YBR276c	S46158	5001-2581 C	YBR2013
Z36146	754051	755263	YBR277c	S46159	573-175 C	YBR2014
	overlap		YBR278w	S46160	251-853	YBR2015
Z36148	754904	756793	YBR279w	S46161	361-1695	YBR2016
Z36149	756599	758979	YBR280c	S46162	2121-196 C	YBR2017
Z36150	758720	762246	YBR281c	S46163	2894-261 C	YBR2018
Z36151	761614	762952	YBR282w	S46164	634-1071	YBR2019
Z36152	762685	765245	YBR283c	S46165	1738-269 C	YBR2020
Z36153	764423	767928	YBR284w	S46166	824-3214	YBR2021
Z36154	767637	768624	YBR285w	S46167	293-724	YBR2023

Z36155	768046	770576	YBR286w	S46168	580-2271	YBR2024
Z36156	770317	772020	YBR287w	S46169	261-1541	YBR2034
Z36157	771858	773672	YBR288c	S46170	1612-164 C	YBR2035
Z36158	773470	776596	YBR289w	S46171	204-2918	YBR2036
Z36159	776388	777681	YBR290w	S46172	210-1172	YBR2037
Z36160	777560	778710	YBR291c	S46173	1019-123 C	YBR2039
Z36161	778579	781010	YBR292c	S46174	501-133 C	YBR2040
Z36162	779080	783239	YBR293w	S46175	1932-3353	YBR2109
Z36163	782433	786852	YBR294w	S46176	808-3384	YBR2110
Z36164	785817	790804	YBR295w	S46177	1037-4684	YBR2112
Z36165	790501	794526	YBR296c	S46178	2026-305 C	YBR2113
Z36166	792527	796637	YBR297w	S46179	2001-3404	YBR2115
Z36167	795931	799354	YBR298c	S46182	2549-708 C	YBR2116
Z36168	798480	802606	YBR299w	S46183	876-2627	YBR2117
Z36169	801107	804346	YBR300c	S46184	1995-1501 C	YBR2120
	overlap		YBR301w	S46185	1955-2314	YBR2120A
Z36171	803421	807188	YBR302c	S46187	2063-927 C	YBR2121

NOTES: The EMBL entries (Z35689 through Z36171) are ordered along chromosome II starting from the left telomere and are in EMBL Data Library format. Each acession number corresponds to one gene, defined as an open reading frame longer than 100 codons, including upstream and downstream sequences up to the adjacent ORFs. This may include neighbouring tRNA genes or retrotransposable elements. Overlapping open reading frames are contained in a single entry. The MIPS working nomenclature has been used to define ORFs in previous publications on sequences from chromosome II. The PIR accession numbers refer to the protein entries in the PIR-International Protein Sequence Database (NBRF format). These entries are also listed in Table 2.