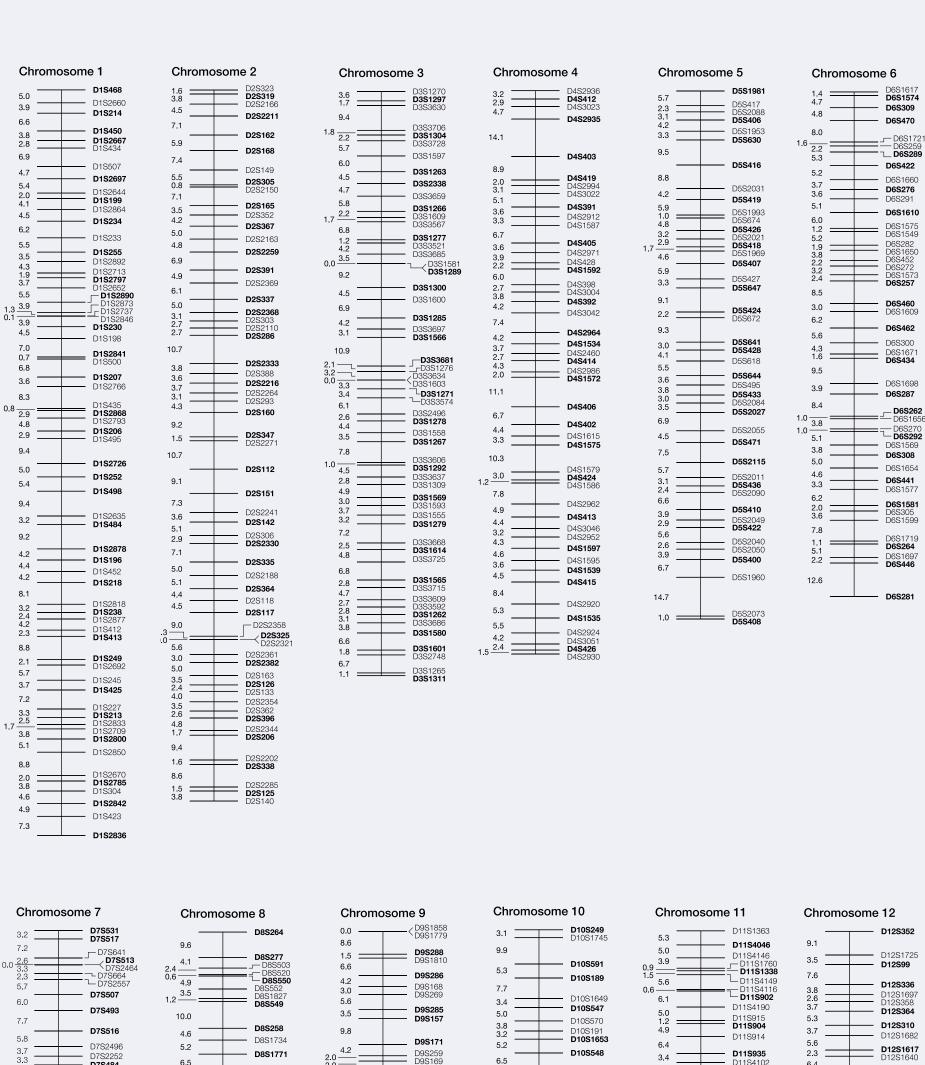
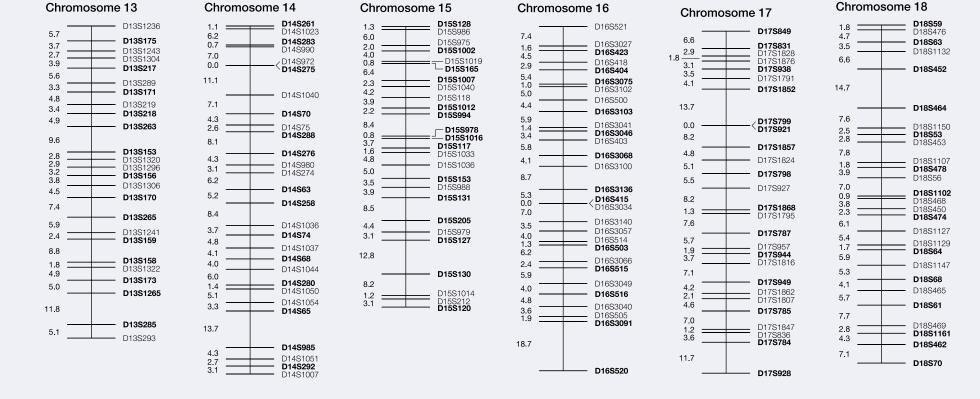


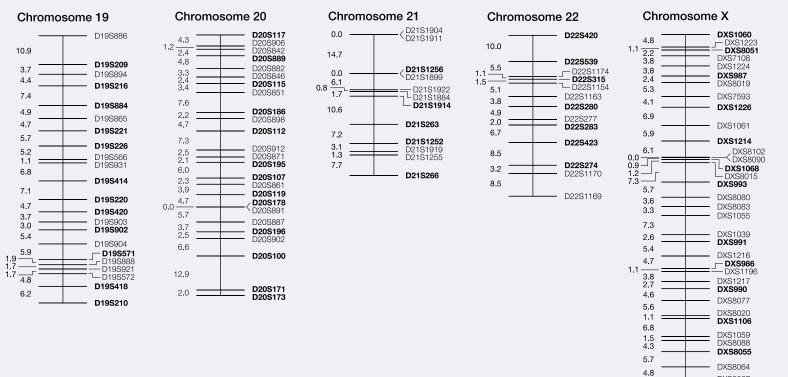
Linkage Mapping Sets Version 2.5

Enabling 5-Dye Chemistry



7 7	D73493	10.0		3.5	D9S157	5.0	D100570	5.0	D11S915	5.3	D125364
7.7			D8S258		D93137	3.8	D10S570	1.2 ===	D11S904		D12S310
	D7S516	4.6		9.8		3.2	D10S191	4.9	D11S914	3.7	D12S1682
5.8	5=00.400		D8S1734		D9S171	5.2	D10S1653	6.4	T D115914	5.6	
3.7	D7S2496	5.2	D004774	4.2	D9S259	5.2	D10S548		D11S935	2.3	D12S1617
3.3 —	D7S2252	6.5	D8S1771	2.0 —	D9S259	6.5	D103546	3.4	D11S4102		D12S1640
5.2	D7S484	6.5	D8S1820	2.0	D9S161	0.5	D10S197	5.0	D1154102	6.4	
5.2	D7S510	3.5	D8S1769		D9S1853	5.3	D103197		D11S905	4.2	D12S345
5.1		0.8 —	D8S505	4.7	D9S1817		D10S213	6.6		_	D12S1663
_	D7S691	5.3	D8S532	2.0	D9S1874	3.5	D10S208		D11S4191	4.2	D12S85
0.9 4.5	D7S2427	4.7		4.0	D9S273	3.7	D10S1780	4.9		3.8	D12S368
0.9 	D7S519		D8S285	3.6	D9S175	2.7	D10S578		D11S987		D125368
-	D7S506	9.5		4.3		5.3		6.2	D11S4162	8.7	
5.0		5.5		3.3	D9S1834	4.6	D10S196	1.0 2.6	D11S1314		D12S83
5.0	D7S502		D8S260	2.3	D9S1674		D10S1790	4.3	D11S4207	4.8	
2.5 —	D7S2476	8.9		4.7	D9S1843	4.2	D10S1652		D11S937	_	D12S313
3.8	D7S1870		D8S543		D9S167	1.7 —	D10S581	4.4	D11S901	8.5	
··· —	D7S669	5.1	D8S543	5.6	D001010	4.5	D10S210	3.3	D11S4147		D12S326
9.3			D8S1705	5.0	D9S1812	6.1	5100210	3.1	D11S4175	4.7	
5.5		3.9	D8S275	2.7	D9S283		D10S537	4.1	D11S917	4.8	D12S1708
	D7S630	6.6	200270	1.8	D9S1796	3.7	D10S580	2.5	D11S898	4.0	D12S351
6.2			D8S270	4.6	D9S1781	3.8	D10S1730	6.0	2110000	9.5	
_	D7S657	5.3		2.8	D9S287	5.1			D11S4090	9.5	
9.2		2.5	D8S1778	4.3	D9S1690	3.8	D10S1686	3.8	D11S908		D12S346
	D70545	6.0	D8S1762		D9S271	3.0	D10S1765	2.6	D11S4127	7.4	
	D7S515	6.0	D8S1784	7.8		7.6		6.8			D12S78
7.3		5.2			D9S1677		D10S185	—	D11S925	3.4	D12S1613
5.1	D7S2459		D8S1779	3.3	D9S289	3.5	D10S1709	4.9	D11S4094	3.7	D12S1583
5.1 _	D7S486	6.1		4.1	D9S1776	4.4		4.2		2.3	D12S1583 D12S1646
	270400	4.6	D8S514	7.0	D9S1776	4.1	D10S192	4.9	D11S4151	3.1	D12S79
10.3		4.0	D8S1799	7.6			D10S597	4.5	D11S912	4.4	D12S1718
	D7S530	6.2	2001100		D9S1682	8.2		5.3		4.6	
3.5	D7S640	3.0	D8S1720	7.9			D10S1693	3.3	D11S4126		D12S86
	D/3640		D8S284		D9S290		D1031093		D11S1320	10.3	
8.5		5.8		7.9		10.8		8.1		10.0	
3.1	D7S2560		D8S256	7.5	B00404		D10S587		D11S968	3.0	D12S304
3.6	D7S684	6.0	D8S272	3.1	D9S164 D9S1818	1.2	D103367		2	4.0	D12S324
3.0 —	D7S2513	2.4	D8S1837	·	D951010	4.6	D10S575				D12S1675
3.0 —	D7S661	4.8		9.5		3.1	D103373			5.1	D12S1659
7.5		5.6	D8S1743		D9S1826	4.9				4.5	
–	D7S636	5.6	D8S1836	2.8	D9S158		D10S1655			3.3	D12S367
2.8 3.9	D7S483		D031030	3.5	D9S1838	7.4				3.2	D12S1723
3.9	D7S798				200.000	2.6	D10S1651				D12S1638
	1 275.00					2.0	D10S212				
10.4											
1.5 =	D7S2465										
1.5	D7S2423										





Linkage Mapping Sets Version 2.5 Medium and High Density Chromosome Maps

Applied Biosystems offers an automated and integrated solution for human genetic mapping. The system includes ABI Prism® DNA sequencing instruments, software, and supporting reagents.

The linkage mapping sets consist of 811 fluorescent-labeled PCR markers selected to amplify highly informative two base-pair repeat microsatellite loci. Markers are arranged in two sets to provide coverage of the human genome at 5cM and 10cM average resolution.

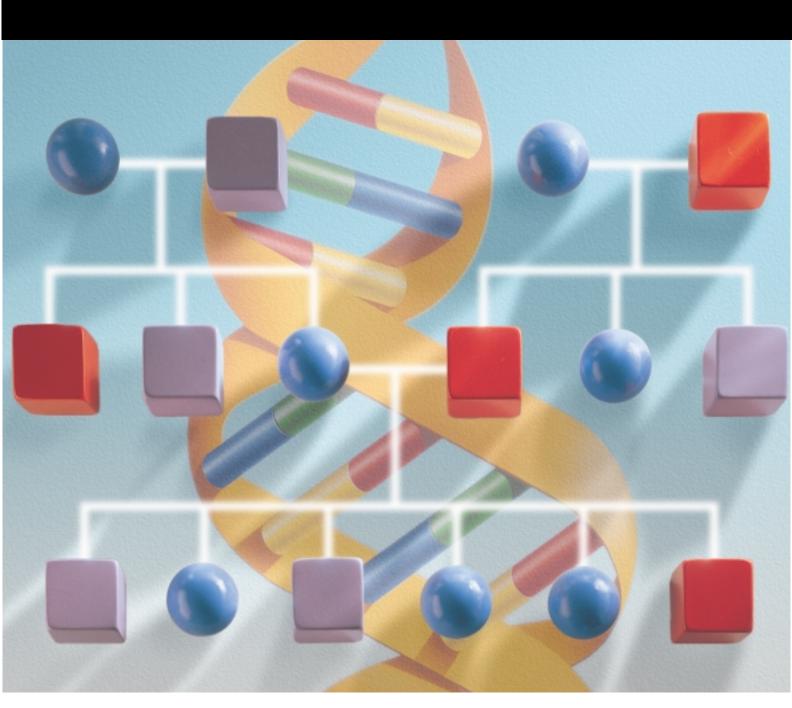
DXS8067 DXS1001 2.7 7.6 3.0 2.7 DXS1047 DXS1062 8.4 DXS984 DXS1205 **DXS1227** 1.1 3.0 8.8 DXS8106 DXS8043 4.1 2.7 DXS998 DXS8091 5.6 DXS8069 DXS1073

Linkage Mapping Sets v. 2.5-MD10: Loci indicated in bold text are selected markers for 10cM mapping. **Linkage Mapping Sets**

v. 2.5-HD5: Loci indicated in regular text are selected markers for 5cM mapping. The HD5 set also includes all the markers in MD10.

An Automated and Integrated Solution for Human Genetic Mapping

Linkage Mapping Sets
Version 2.5
Enabling 5-Dye Chemistry





Product Ordering Information

Descripton	Quantity Delivered	Part Number

ABI PRISM® Linkage Mapping Sets v. 2.5-HD5

A complete set of linkage mapping primers at a 5cM resolution. 811 markers, in a set of 86 panels, are provided in individual tubes with one forward primer labeled on the 5' end with either 6-FAMTM, VICTM, or NEDTM dye and one unlabeled reverse primer. Custom defined reaction quantities require special price quotes and delivery times

Complete ABI PRISM Linkage Mapping Sets v. 2.5-HD5	300 reactions	4328189
Complete ABI PRISM Linkage Mapping Sets v. 2.5-HD5	1,200 reactions	4329188
Complete ABI PRISM Linkage Mapping Sets v. 2.5-HD5	Custom user-defined	4329187
Individual panels 1–86 for HD5 and MD10	300 reactions 4329334	to 4329419

ABI PRISM® Human Linkage Mapping Sets v. 2.5-MD10

A complete set of linkage mapping primers at a 10cM resolution. 400 markers, in a set of 28 panels, are provided in individual tubes with one forward primer labeled on the 5' end with either 6-FAMTM, VICTM, or NEDTM dye and one unlabeled reverse primer. Custom defined reaction quantities require special price quotes and delivery times

Complete ABI PRISM Linkage Mapping Sets v. 2.5-MD10	50 reactions	4329186
Complete ABI PRISM Linkage Mapping Sets v. 2.5-MD10	300 reactions	4329185
Complete ABI PRISM Linkage Mapping Sets v. 2.5-MD10	1,200 reactions	4329184
Complete ABI PRISM Linkage Mapping Sets v. 2.5-MD10	Custom user-defined	4329183

ABI PRISM® Human Mapping Primers v. 2.5, for an individual locus
ABI PRISM Human Mapping Primers v. 2.5 consists of single tubes of a forward primer labeled
on the 5' end with either 6-FAMTM, VICTM, or NEDTM dye. The reverse primer is unlabeled.

ABI PRISM Human Mapping Primers v. 2.5	300 reactions	4329191
ABI PRISM Human Mapping Primers v. 2.5	Custom user-defined	4329190

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