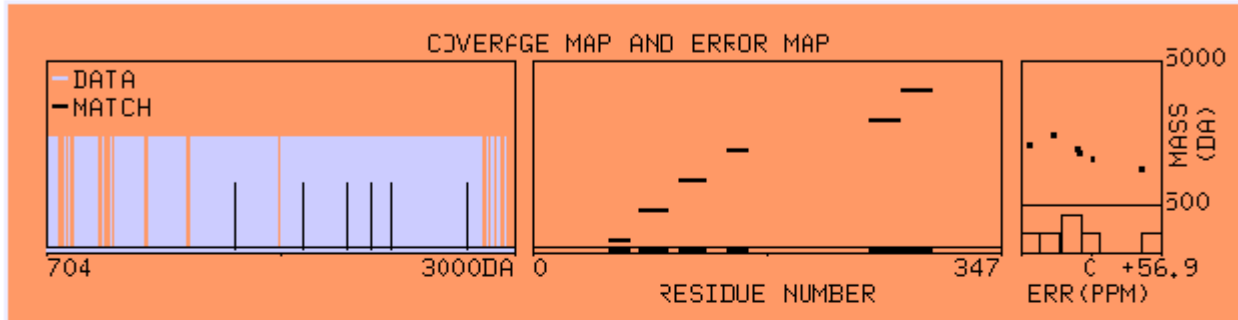


Database Search Results

1. [gi|541266|pir|JN0915](#) fimbrilin precursor - *Porphyromonas gingivalis* (strain BH18/ 10)
2. [gi|456496|dbj|BAA04622.1](#) fimbrilin [*Porphyromonas gingivalis*]

Sample ID : aE [Pass:0]
 Measured peptides : 403
 Matched peptides : 6
 Min. sequence coverage: 35%



Measured Mass (M)	Avg/Mono	Computed Mass	Error (ppm)	Residues Start	Residues To	Missed Cut	Peptide sequence
1632.925	M	1532.857	42	57	72	0	TLVVMANTGAMELVCK
1974.945	M	1974.939	3	144	160	0	VQMSAAVDNIYTFVPEK
2176.983	M	2177.001	-8	110	129	0	NYIGYSGTCEGNHLENDPLK
2298.064	M	2298.087	-10	250	273	0	NCADLAGADLAAAQANWVDAEKK
2401.089	M	2401.203	-47	79	101	0	ALTTVELTAENQEAAGLIMTAEPK
2776.185	M	2776.265	-29	274	296	0	TYYPVLVNFNSNNYTYDSNYTPK

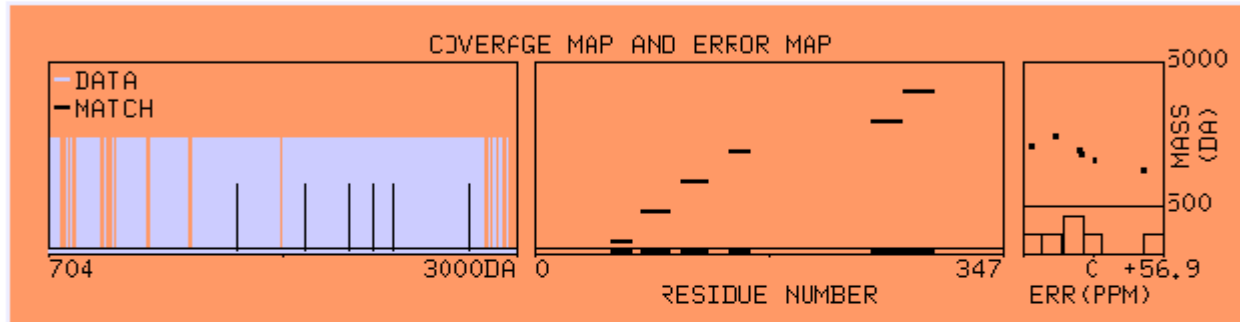
Unmatched Monoisotopic Masses:

855.042	870.016	1097.015	885.991	1060.033	1066.066	1081.036	1112.992	1271.077	1075.028	892.007	1044.084	795.110
1302.026	810.087	1106.001	861.060	900.984	1286.047	1090.022	1293.064	817.092	829.068	916.971	876.033	1309.044
1120.978	1498.072	1324.011	1482.090	1513.039	908.983	1476.062	1317.006	1355.096	1233.123	1333.004	1050.077	
1022.086	1537.009	1529.007	1135.951	713.169	1104.010	984.157	1991.910	1687.092	1551.994	923.945	1460.101	1339.989
932.953	1277.106	1491.066	1535.003	1127.974	1469.060	1438.118	1756.006	757.165	1749.034	711.165	1347.980	1740.023
1211.114	2153.022	1133.982	1160.918	1113.966	704.948	1242.068	1281.076	1356.981	1248.091	1933.043	1239.127	733.100
1543.966	1665.095	1997.917	1363.956	2160.031	1680.098	1264.084	1649.145	1226.125	739.150	1150.919	949.924	1718.042
1945.072	1981.976	1724.027	1937.056	1375.939	2216.963	1703.064	2141.079	1542.013	1777.976	1433.091	1922.065	
709.171	2187.044	1444.133	941.927	2139.046	1506.019	1144.957	1674.110	1416.123	1763.959	2161.033	1559.943	1793.945
1266.047	1142.939	1869.108	731.212	2202.998	1914.056	1174.178	2148.089	1618.965	1372.596	1692.055	2203.993	720.929
1574.930	2300.058	1708.014	955.897	947.914	1761.960	1808.896	1521.009	1738.018	1797.007	1920.094	2362.060	1928.052
1567.976	2013.960	2223.909	2578.038	1733.008	1906.042	1898.121	722.934	2132.988	1960.032	2005.949	2387.060	
1591.975	1549.995	2064.929	1391.951	2322.093	2012.918	2176.019	2056.900	957.936	2331.021	2193.924	1854.140	
1165.895	2460.953	1786.949	2186.029	1952.042	1770.983	2367.066	750.135	2352.042	2250.938	2125.128	2742.944	
1158.916	1581.908	2034.935	2018.872	2170.039	2029.885	2282.875	1908.083	3482.036	1422.186	2272.857	1966.964	
2117.969	2457.971	2509.862	2170.930	1219.144	2222.953	2415.579	1860.081	3494.869	1168.903	2103.105	2047.871	
2344.112	2513.928	2443.958	2532.759	2203.994	2376.057	1206.122	2313.941	3149.022	1642.051	2048.874	2059.172	
1838.159	2517.131	2534.071	1884.059	2063.905	2416.861	2102.038	2132.046	2040.950	2074.130	2194.958	2246.822	
2108.078	2269.935	2313.034	2320.926	2501.904	2031.955	2285.063	2522.988	3459.947	1596.893	2247.875	1615.886	
2199.021	2570.962	2399.998	2117.022	1875.088	2230.942	755.123	2382.993	1942.980	1866.871	2215.923	2592.052	
2152.972	2633.930	2345.106	2510.827	1657.089	2095.116	2259.535	2462.021	1832.002	2337.121	2239.956	2354.102	
2494.008	2365.987	1627.206	1202.911	2262.057	2199.992	2080.130	2647.008	1617.912	1217.165	1891.021	2557.025	
2629.060	2632.976	2107.108	2375.118	2430.018	2799.030	1621.016	2291.852	3471.865	2783.803	2706.911	2229.981	
2466.898	2089.918	2041.994	2467.830	1583.948	2594.030	1600.594	2354.979	3430.925	2473.884	2894.812	2678.144	

Database Search Results

1. gi|20455486|sp|P13793 FMA1_PORGI Major fimbrial subunit protein, type I precursor (Fimbrillin) (Fimbrillin)
2. gi|79391|pir| A27736 fimbrial protein precursor - Porphyromonas gingivalis
3. gi|456492|dbj|BAA04620.1 fimbrillin [Porphyromonas gingivalis]
4. gi|456494|dbj|BAA04621.1 fimbrillin [Porphyromonas gingivalis]

Sample ID : aE [Pass:0]
 Measured peptides : 403
 Matched peptides : 6
 Min. sequence coverage: 35%



Measured Mass (M)	Avg/Mono	Computed Mass	Error (ppm)	Residues Start	To	Missed Cut	Peptide sequence
1632.925	M	1532.857	42	57	72	0	TLVVMANTCAMELVCK
1974.945	M	1974.939	3	144	160	0	VQMSAAYDNIYTFVPEK
2176.983	M	2177.001	-8	110	129	0	NYICYSCTGEGNHIEK
2298.064	M	2298.087	-10	250	273	0	NGADLAGADLAAAQAANWVDAEKG
2401.089	M	2401.203	-47	79	101	0	ALTTeltaENQEAAGLIMTAEPK
2776.185	M	2776.265	-29	274	296	0	TYYPVLVNINSNNYTDSTNTPK

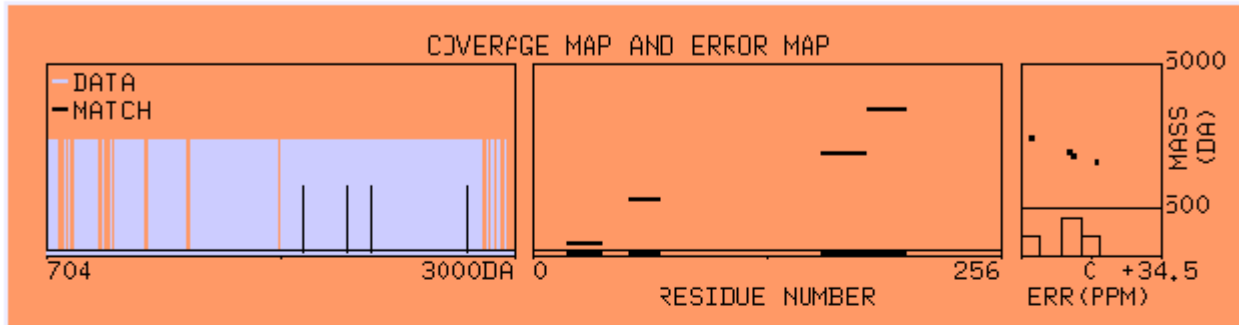
Unmatched Monoisotopic Masses:

855.042	870.016	1097.015	885.991	1060.033	1066.066	1081.036	1112.992	1271.077	1075.028	892.007	1044.084	795.110
1302.026	810.087	1106.001	861.060	900.984	1286.047	1090.022	1293.064	817.092	829.068	916.971	876.033	1309.044
1120.978	1498.072	1324.011	1482.090	1513.039	908.983	1476.062	1317.006	1355.096	1233.123	1333.004	1050.077	
1022.086	1537.009	1529.007	1135.951	713.169	1104.010	984.157	1991.910	1687.092	1551.994	923.945	1460.101	1339.989
932.953	1277.106	1491.066	1535.000	1127.974	1469.060	1438.118	1756.006	737.165	1749.034	711.165	1347.980	1740.023
1211.114	2153.022	1133.982	1160.918	1113.966	704.948	1242.068	1281.076	1356.981	1248.091	1935.043	1239.127	733.103
1543.966	1663.095	1997.917	1363.956	2160.031	1680.098	1264.084	1649.145	1226.125	739.150	1150.919	949.924	1718.042
1945.072	1981.976	1724.027	1937.056	1375.939	2216.963	1703.064	2141.079	1542.013	1777.976	1453.091	1922.065	
709.171	2187.044	1444.133	941.927	2139.046	1506.019	1144.953	1674.110	1416.123	1763.959	2161.033	1559.943	1793.945
1266.047	1142.939	1869.108	731.212	2202.998	1914.056	1174.178	2148.089	1618.965	1372.596	1692.055	2203.993	720.929
1574.950	2300.058	1708.014	955.892	947.914	1761.960	1808.896	1521.009	1738.018	1797.007	1920.094	2362.060	1928.052
1567.976	2013.960	2223.909	2578.038	1733.008	1906.042	1898.121	722.934	2132.988	1960.032	2005.949	2387.060	
1591.975	1549.995	2064.929	1391.951	2322.093	2012.918	2176.019	2056.900	957.936	2331.021	2193.924	1854.140	
1165.895	2460.953	1786.949	2186.029	1952.042	1770.983	2367.066	750.135	2352.042	2250.938	2125.128	2742.944	
1158.916	1581.908	2034.935	2018.872	2171.039	2029.885	2282.875	1908.083	3482.036	1422.186	2272.857	1966.964	
2117.969	2457.971	2509.862	2170.930	1219.144	2222.953	2415.579	1860.081	3494.869	1168.903	2103.105	2047.871	
2344.112	2513.928	2443.958	2532.759	2203.994	2376.057	1206.122	2313.941	3149.022	1642.051	2048.874	2059.172	
1838.139	2517.131	2534.071	1884.059	2063.905	2416.861	2102.038	2132.046	3040.950	2074.130	2194.958	2246.822	

Database Search Results

1. gi|2443396|dbj|BAA22414.1 Firbrilin [Porphyromonas gingivalis]

Sample ID : aE [Pass:0]
 Measured peptides : 403
 Matched peptides : 4
 Min. sequence coverage: 33%



Measured Mass (M)	Avg/ Mono	Computed Mass	Error (ppm)	Residues Start	Residues To	Missed Cut	Peptide sequence
1974.945	M	1974.939	3	53	69	0	VQMSAAAYDNIYTFVPEK
2176.983	M	2177.001	-8	19	38	0	NYIGYSCTCEGNHIENDPLK
2298.064	M	2298.087	-10	159	182	0	NGADLAGADLAAAQAANWVDAEGK
2776.185	M	2776.265	-29	183	205	0	TYYPVLVNFNSNNYTYDSNYTPK

Unmatched Monoisotopic Masses:

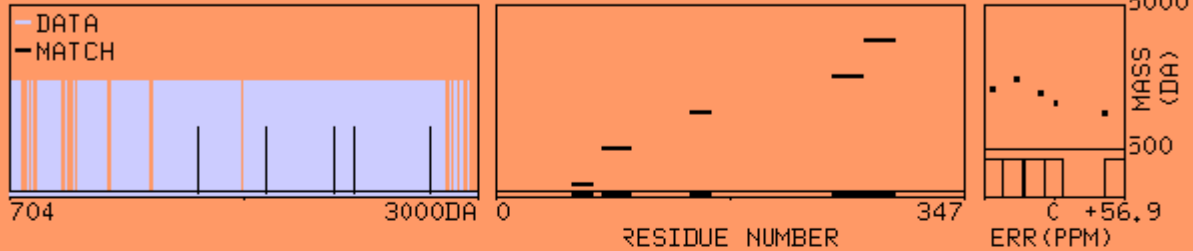
855.042	870.016	1097.015	885.991	1060.033	1066.066	1081.036	1112.992	1271.077	1075.028	892.007	1044.084	795.110
1302.026	810.087	1106.001	861.060	900.984	1286.047	1090.022	1293.064	817.092	829.068	916.971	876.033	1309.044
1120.978	1498.072	1324.011	1482.090	1513.039	908.983	1476.062	1317.006	1355.096	1233.123	1333.004	1050.077	
1022.086	1537.009	1529.007	1135.951	713.169	1104.010	984.157	1991.910	1687.092	1551.994	923.945	1460.101	1339.989
932.953	1277.106	1491.066	1535.000	1127.974	1469.060	1438.118	1756.006	737.165	1749.034	711.165	1347.980	1740.023
1211.114	2155.022	1133.982	1160.918	1113.966	704.948	1242.068	1281.076	1356.981	1248.091	1935.043	1239.127	733.103
1543.966	1665.095	1997.917	1363.956	2160.031	1680.098	1264.084	1649.145	1226.125	739.150	1150.919	949.924	1718.042
1945.072	1981.976	1724.027	1937.056	1375.939	2216.963	1703.064	2141.079	1542.013	1777.976	1453.091	1922.065	
709.171	2187.044	1444.133	941.927	2139.046	1506.019	1144.957	1674.110	1416.123	1763.959	2161.033	1559.943	1793.945
1266.047	1142.939	1869.108	731.212	2202.998	1914.056	1174.178	2148.089	1618.965	1372.596	1692.055	2203.993	720.929
1574.950	2300.058	1708.014	955.899	947.914	1761.960	1808.896	1521.009	1738.018	1797.007	1920.094	2362.060	1928.052
1567.976	2013.960	2223.909	2578.038	1733.008	1906.042	1898.121	722.934	2132.988	1960.032	2005.949	2387.060	
1591.975	1549.995	2064.929	1391.951	2322.093	2012.918	2176.019	2056.900	957.936	2331.021	2193.924	1854.140	
1165.895	2460.953	1786.949	2186.029	1952.042	1770.983	2367.066	750.135	2352.042	2250.938	2125.128	2742.944	
1158.916	1581.908	2034.935	2018.872	2170.039	2029.885	2282.875	1908.083	3482.036	1422.186	2272.857	1966.964	
2117.969	2457.971	2509.862	2170.930	1219.144	2222.953	2415.579	1860.081	3494.869	1168.903	2103.105	2047.871	
2344.112	2515.928	2443.958	2532.759	2203.994	2376.057	1206.122	2313.941	3149.022	1642.051	2048.874	2059.172	
1838.139	2517.131	2534.071	1884.059	2063.905	2416.861	2102.038	2132.046	3040.950	2074.130	2194.958	2246.822	
2108.078	2269.935	2313.024	2320.926	2501.904	2021.955	2285.063	2522.988	3459.947	1596.893	2247.875	1615.886	
2199.021	2570.962	2399.998	2402.097	2117.022	1876.088	2230.542	755.123	2382.993	1942.980	1866.871	2215.923	
2592.052	2152.972	2633.930	2345.106	2511.827	1657.089	2095.116	2239.935	3462.021	1832.002	2337.121	1633.932	
2239.956	2354.102	2494.008	2365.937	1627.206	1202.911	2262.057	2199.992	3080.130	2647.008	1617.912	1217.165	
1891.021	2557.029	2629.060	2632.976	2107.108	2375.118	2430.018	2799.030	1621.016	2291.852	2471.865	2783.802	
2706.911	2229.981	2466.898	2089.918	2041.994	2467.830	1588.548	2594.030	1600.994	2354.979	2430.925	2473.884	
2894.812	2678.144	2601.114	2361.030	1799.897	2335.984	2388.011	2548.107	3896.102	2744.796	2655.929	2019.938	
2124.122	2538.143	2699.015	2208.123	2450.032	2004.915	2078.874	2727.861	3612.985	2563.055	2808.268	2442.862	
2657.017	1604.720	2790.902	2932.825	2499.932	2095.921	2328.591	2620.930	3619.987	2659.797	2290.909	2660.961	
2549.039	2808.959	2490.062	2268.835	2564.077	2450.951	2538.822	2599.040	3766.913	2036.001	2740.063	2584.055	

Database Search Results

1. gi|150844|gb|AAA16482.1 fimbrillin

Sample ID : aE [Pass:0]
 Measured peptides : 403
 Matched peptides : 5
 Min. sequence coverage: 30%

COVERAGE MAP AND ERROR MAP

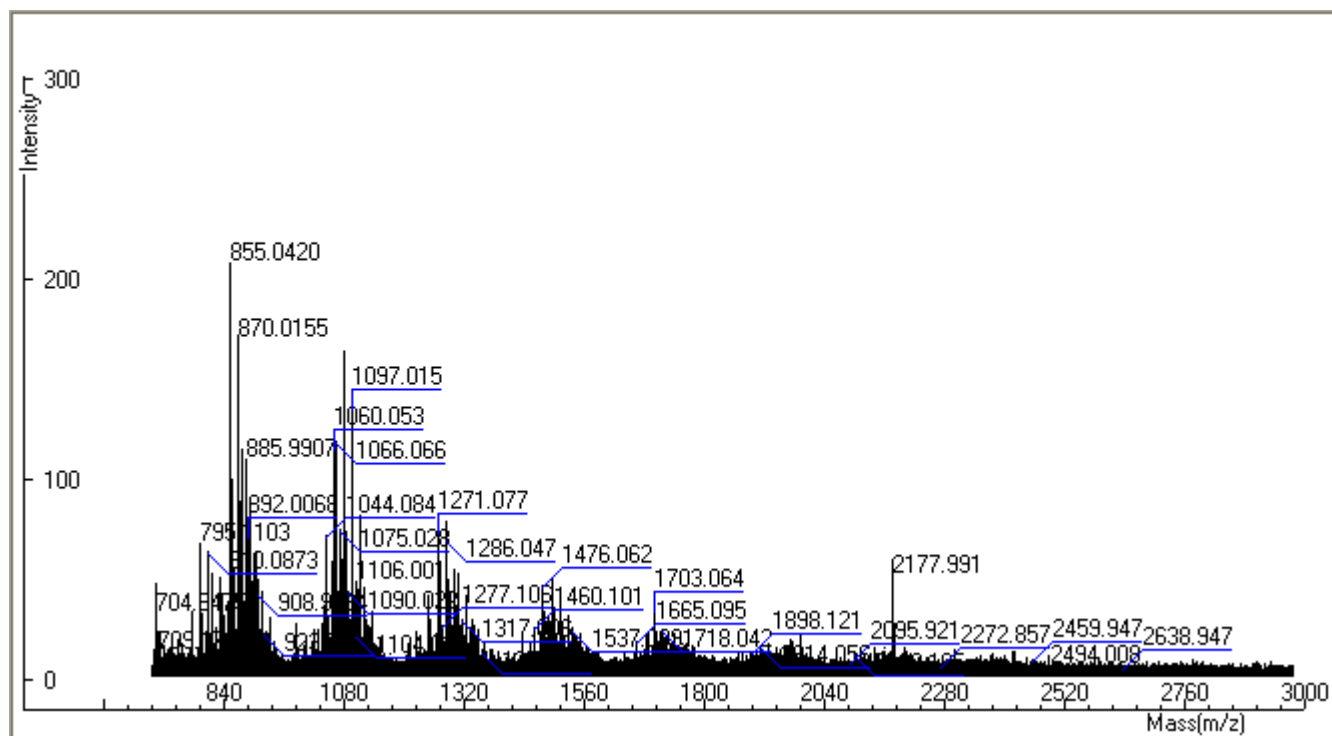


Measured Mass (M)	Avg/ Mono	Computed Mass	Error (ppm)	Residues Start	Residues To	Missed Cut	Peptide sequence
1632.925	M	1532.857	42	57	72	0	TLVVMANTCAMELVGK
1974.945	M	1974.939	3	144	160	0	VQMSAAAYDNIYTFVPEK
2298.064	M	2298.087	-10	250	273	0	NGADLAGADLAAAQAANWVDAEKG
2401.089	M	2401.203	-47	79	101	0	ALTTVELTAENQEAAGLIMTAEPK
2776.185	M	2776.265	-29	274	296	0	TYYPVLVNPNNSNNYTYDSNYTPK

Unmatched Monoisotopic Masses:

855.042	870.016	1097.015	885.991	1060.033	1066.066	1081.036	1112.992	1271.077	1075.028	892.007	1044.084	795.110
1302.026	810.087	1106.001	861.060	900.984	1286.047	1090.022	1293.064	817.092	829.068	916.971	876.033	1309.044
1120.978	1498.072	1324.011	1482.090	2177.991	1513.039	908.983	1476.062	1317.006	1255.096	1233.123	1333.004	
1050.077	1022.086	1537.009	1529.037	1135.951	713.169	1104.010	984.157	1991.910	1687.092	1551.994	928.945	1460.101
1339.989	932.953	1277.106	1491.065	1535.000	1127.974	1469.060	1438.118	1756.006	757.165	1749.034	711.165	1347.980
1740.023	1211.114	2155.022	1133.932	1160.918	1118.966	704.948	1242.068	1381.076	1356.981	1248.091	1935.043	
1239.127	733.100	1543.966	1665.095	1997.917	1363.956	2160.021	1680.098	1364.084	1649.145	1226.125	739.150	1150.919
949.924	1718.042	1945.072	1981.975	1724.027	1937.056	1376.929	2216.963	1703.064	2141.079	1542.013	1777.976	
1453.091	1922.069	709.171	2187.044	1444.133	941.927	2139.046	1506.019	1144.957	1674.110	1416.123	1763.959	2161.033
1559.943	1793.946	1266.047	1142.939	1869.108	731.212	2202.958	1914.056	1174.178	2148.089	1618.965	1372.596	
1692.055	2203.993	720.929	1574.953	2300.058	1708.014	955.895	947.914	1761.960	1808.896	1521.009	1738.018	1797.007
1920.094	2362.060	1928.052	1567.976	2013.960	2223.909	2578.008	1733.008	1906.042	1898.121	722.934	2132.988	
1960.032	2005.949	2387.060	1591.975	1549.995	2064.929	1391.551	2322.093	3012.918	2176.019	2056.900	957.936	
2331.021	2193.924	1854.140	1165.895	2460.953	1786.949	2186.029	1952.042	1770.983	2367.066	750.135	2252.042	
2250.938	2125.128	2742.944	1158.916	1581.908	2034.935	2018.872	2170.039	3029.885	2282.875	1908.083	2482.036	
1422.186	2272.857	1966.964	2117.959	2457.971	1509.862	2170.580	1219.144	2222.953	2415.979	1860.081	2494.865	
1168.903	2103.105	2047.871	2344.112	2515.928	2443.958	2532.759	2208.994	3376.057	1206.122	2313.941	2149.022	
1642.051	2048.874	2059.172	1838.159	2517.131	2534.071	1884.069	2063.905	3416.861	2102.038	2132.046	2040.950	
2074.130	2194.958	2246.822	2108.078	2269.935	2313.034	2320.526	2501.904	3031.955	2285.063	2522.988	2459.947	
1596.893	2247.875	1615.886	2199.021	2570.962	2399.998	2117.022	1876.088	2230.942	755.123	2382.993	1942.980	
1866.871	2215.923	2592.052	2152.972	2633.930	2345.106	2510.827	1657.089	3095.116	2259.935	2462.021	1832.002	
2337.121	2239.956	2354.102	2494.038	2365.987	1627.206	1202.511	2262.057	3199.992	2080.130	2647.008	1617.912	
1217.165	1891.021	2557.029	2629.050	2632.976	2107.108	2375.118	2430.018	3799.030	1621.016	2291.852	2471.862	
2783.803	2706.911	2229.981	2466.898	2089.918	2041.994	2467.830	1588.948	3594.030	1600.994	2334.979	2430.921	
2473.884	2894.812	2678.144	2601.114	2361.030	1799.897	2335.584	2388.011	3548.107	2896.102	2744.796	2655.925	
2019.938	2124.122	2538.143	2699.015	2203.123	2450.032	2004.515	2078.874	3727.861	2612.985	2563.055	2808.266	
2442.863	2657.017	1604.720	2790.932	2932.825	2499.932	2095.521	2328.991	3620.930	2619.987	2639.797	2290.905	

Database Search Results



	1	2	3	4	5	6	7	8	9	10	11	12
A	●	●	●	○	●	●	●	●	○	○	○	○
B	○	○	●	○	●	○	●	●	○	○	○	○
C	○	○	●	○	●	●	●	●	○	○	○	○
D	●	○	●	○	●	○	●	●	○	○	○	○
E	○	○	○	○	●	●	●	●	○	○	○	○
F	○	○	○	○	○	●	●	●	○	○	○	○
G	○	○	○	○	○	○	●	●	○	○	○	○
H	○	○	●	●	○	●	●	○	○	○	○	○