

Supplementary Table S14 Results of the gene-gene interaction analysis of the BC-associated

Gene 1	Gene 2	Weight	Network group	Network
<i>MMP1</i>	<i>MMP8</i>	0.01994568	Co-expression	Arijs-Rutgeerts-2009
<i>MMP3</i>	<i>MMP8</i>	0.014503988	Co-expression	Arijs-Rutgeerts-2009
<i>MMP3</i>	<i>MMP1</i>	0.012034981	Co-expression	Arijs-Rutgeerts-2009
<i>SLC12A5</i>	<i>ZNF335</i>	0.003524543	Co-expression	Arijs-Rutgeerts-2009
<i>MMP9</i>	<i>MMP8</i>	0.018592577	Co-expression	Arijs-Rutgeerts-2009
<i>MMP9</i>	<i>MMP1</i>	0.011928413	Co-expression	Arijs-Rutgeerts-2009
<i>MMP9</i>	<i>MMP3</i>	0.009092866	Co-expression	Arijs-Rutgeerts-2009
<i>MMP10</i>	<i>MMP8</i>	0.025001792	Co-expression	Arijs-Rutgeerts-2009
<i>MMP10</i>	<i>MMP1</i>	0.016835684	Co-expression	Arijs-Rutgeerts-2009
<i>MMP10</i>	<i>MMP3</i>	0.014015151	Co-expression	Arijs-Rutgeerts-2009
<i>MMP10</i>	<i>MMP9</i>	0.016440187	Co-expression	Arijs-Rutgeerts-2009
<i>MMP11</i>	<i>SLC12A5</i>	0.0041121915	Co-expression	Arijs-Rutgeerts-2009
<i>MMP13</i>	<i>MMP8</i>	0.020443471	Co-expression	Arijs-Rutgeerts-2009
<i>MMP12</i>	<i>MMP8</i>	0.016926065	Co-expression	Arijs-Rutgeerts-2009
<i>MMP12</i>	<i>MMP1</i>	0.011808239	Co-expression	Arijs-Rutgeerts-2009
<i>MMP12</i>	<i>MMP3</i>	0.009681639	Co-expression	Arijs-Rutgeerts-2009
<i>MMP12</i>	<i>MMP9</i>	0.012654959	Co-expression	Arijs-Rutgeerts-2009
<i>MMP12</i>	<i>MMP10</i>	0.018506225	Co-expression	Arijs-Rutgeerts-2009
<i>MMP7</i>	<i>MMP10</i>	0.01624499	Co-expression	Arijs-Rutgeerts-2009
<i>MMP26</i>	<i>MMP27</i>	0.003192505	Co-expression	Arijs-Rutgeerts-2009
<i>MMP3</i>	<i>MMP1</i>	0.03471106	Co-expression	Bild-Nevins-2006 B
<i>MMP2</i>	<i>MMP3</i>	0.010101463	Co-expression	Bild-Nevins-2006 B
<i>MMP11</i>	<i>MMP1</i>	0.01595287	Co-expression	Bild-Nevins-2006 B
<i>MMP11</i>	<i>MMP2</i>	0.009790911	Co-expression	Bild-Nevins-2006 B
<i>MMP11</i>	<i>MMP10</i>	0.011269141	Co-expression	Bild-Nevins-2006 B
<i>MMP14</i>	<i>MMP11</i>	0.015116542	Co-expression	Bild-Nevins-2006 B
<i>MMP25</i>	<i>MMP15</i>	0.007518016	Co-expression	Bild-Nevins-2006 B
<i>MMP7</i>	<i>MMP12</i>	0.009254638	Co-expression	Bild-Nevins-2006 B
<i>MMP2</i>	<i>MMP1</i>	0.014201451	Co-expression	Rosenwald-Staudt-2001
<i>MMP9</i>	<i>MMP1</i>	0.010204952	Co-expression	Rosenwald-Staudt-2001
<i>MMP9</i>	<i>MMP2</i>	0.005824463	Co-expression	Rosenwald-Staudt-2001
<i>MMP15</i>	<i>MMP2</i>	0.010811945	Co-expression	Rosenwald-Staudt-2001
<i>MMP15</i>	<i>MMP9</i>	0.00978206	Co-expression	Rosenwald-Staudt-2001
<i>MMP12</i>	<i>MMP14</i>	0.0053635295	Co-expression	Rosenwald-Staudt-2001
<i>MMP3</i>	<i>MMP1</i>	0.031768974	Co-expression	Ramaswamy-Golub-2001
<i>MMP10</i>	<i>MMP1</i>	0.029388728	Co-expression	Ramaswamy-Golub-2001
<i>MMP13</i>	<i>MMP10</i>	0.0159287	Co-expression	Ramaswamy-Golub-2001
<i>MMP12</i>	<i>MMP1</i>	0.053733964	Co-expression	Ramaswamy-Golub-2001
<i>MMP12</i>	<i>MMP3</i>	0.028386803	Co-expression	Ramaswamy-Golub-2001
<i>MMP7</i>	<i>MMP11</i>	0.014169933	Co-expression	Ramaswamy-Golub-2001
<i>MMP7</i>	<i>MMP12</i>	0.023871709	Co-expression	Ramaswamy-Golub-2001
<i>MMP3</i>	<i>MMP1</i>	0.021670682	Co-expression	Innocenti-Brown-2011
<i>SLC12A5</i>	<i>MMP8</i>	0.01042752	Co-expression	Innocenti-Brown-2011

<i>MMP10</i>	<i>MMP1</i>	0.025890643	Co-expression	Innocenti-Brown-2011
<i>MMP10</i>	<i>MMP3</i>	0.03973388	Co-expression	Innocenti-Brown-2011
<i>MMP24</i>	<i>MMP13</i>	0.019798096	Co-expression	Innocenti-Brown-2011
<i>MMP25</i>	<i>MMP9</i>	0.032020573	Co-expression	Innocenti-Brown-2011
<i>MMP9</i>	<i>MMP8</i>	0.028932996	Co-expression	Burington-Shaughnessy-2008
<i>MMP24</i>	<i>MMP11</i>	0.0022543943	Co-expression	Burington-Shaughnessy-2008
<i>MMP25</i>	<i>MMP2</i>	0.010628911	Co-expression	Burington-Shaughnessy-2008
<i>MMP19</i>	<i>MMP13</i>	0.009604596	Co-expression	Burington-Shaughnessy-2008
<i>MMP20</i>	<i>MMP11</i>	0.006200976	Co-expression	Burington-Shaughnessy-2008
<i>HPX</i>	<i>MMP25</i>	0.0112562915	Co-expression	Burington-Shaughnessy-2008
<i>MMP2</i>	<i>MMP1</i>	0.012227431	Co-expression	Alizadeh-Staudt-2000
<i>MMP9</i>	<i>MMP1</i>	0.008568336	Co-expression	Alizadeh-Staudt-2000
<i>MMP9</i>	<i>MMP2</i>	0.0064525036	Co-expression	Alizadeh-Staudt-2000
<i>MMP14</i>	<i>MMP3</i>	0.02104439	Co-expression	Alizadeh-Staudt-2000
<i>MMP15</i>	<i>MMP2</i>	0.009046634	Co-expression	Alizadeh-Staudt-2000
<i>MMP15</i>	<i>MMP9</i>	0.008582863	Co-expression	Alizadeh-Staudt-2000
<i>MMP7</i>	<i>MMP3</i>	0.025251048	Co-expression	Alizadeh-Staudt-2000
<i>MMP9</i>	<i>MMP1</i>	0.023311744	Co-expression	Wang-Maris-2006
<i>MMP10</i>	<i>MMP2</i>	0.013783539	Co-expression	Wang-Maris-2006
<i>MMP12</i>	<i>MMP1</i>	0.03607238	Co-expression	Wang-Maris-2006
<i>MMP12</i>	<i>MMP9</i>	0.028320719	Co-expression	Wang-Maris-2006
<i>MMP19</i>	<i>MMP14</i>	0.010384828	Co-expression	Wang-Maris-2006
<i>MMP20</i>	<i>MMP8</i>	0.019756397	Co-expression	Wang-Maris-2006
<i>MMP20</i>	<i>MMP9</i>	0.016377661	Co-expression	Wang-Maris-2006
<i>MMP9</i>	<i>MMP1</i>	0.014893332	Co-expression	Chen-Brown-2002
<i>MMP12</i>	<i>MMP9</i>	0.017586546	Co-expression	Chen-Brown-2002
<i>MMP27</i>	<i>MMP1</i>	0.022062583	Co-expression	Chen-Brown-2002
<i>MMP9</i>	<i>MMP1</i>	0.008684233	Co-expression	Wang-Cheung-2015
<i>MMP28</i>	<i>MMP13</i>	0.016147366	Co-expression	Wang-Cheung-2015
<i>MMP12</i>	<i>MMP3</i>	0.0019335776	Co-expression	Wang-Cheung-2015
<i>CETP</i>	<i>MMP20</i>	0.0047225663	Co-expression	Wang-Cheung-2015
<i>MMP9</i>	<i>MMP8</i>	0.007594278	Co-expression	Roth-Zlotnik-2006
<i>CETP</i>	<i>MMP9</i>	0.016817342	Co-expression	Roth-Zlotnik-2006
<i>MMP26</i>	<i>MMP11</i>	0.030658517	Co-expression	Roth-Zlotnik-2006
<i>MMP3</i>	<i>MMP1</i>	0.004863176	Co-expression	Boldrick-Relman-2002
<i>MMP12</i>	<i>MMP3</i>	0.005013258	Co-expression	Boldrick-Relman-2002
<i>MMP3</i>	<i>MMP1</i>	0.0071732434	Co-expression	Dobbin-Giordano-2005
<i>MMP10</i>	<i>MMP1</i>	0.0087530175	Co-expression	Dobbin-Giordano-2005
<i>MMP10</i>	<i>MMP3</i>	0.009577051	Co-expression	Dobbin-Giordano-2005
<i>MMP11</i>	<i>MMP2</i>	0.012768546	Co-expression	Dobbin-Giordano-2005
<i>MMP13</i>	<i>MMP9</i>	0.015401816	Co-expression	Dobbin-Giordano-2005
<i>MMP13</i>	<i>MMP10</i>	0.011859682	Co-expression	Dobbin-Giordano-2005
<i>MMP14</i>	<i>MMP2</i>	0.010036182	Co-expression	Dobbin-Giordano-2005
<i>HPX</i>	<i>CETP</i>	0.015065216	Co-expression	Dobbin-Giordano-2005
<i>MMP3</i>	<i>MMP8</i>	0.004047781	Co-expression	Wu-Garvey-2007
<i>MMP13</i>	<i>MMP1</i>	0.007974415	Co-expression	Wu-Garvey-2007
<i>MMP17</i>	<i>MMP2</i>	0.010059839	Co-expression	Wu-Garvey-2007

<i>MMP12</i>	<i>MMP8</i>	0.0052404157	Co-expression	Wu-Garvey-2007
<i>MMP19</i>	<i>MMP24</i>	0.0060998728	Co-expression	Wu-Garvey-2007
<i>HPX</i>	<i>MMP11</i>	0.009168258	Co-expression	Wu-Garvey-2007
<i>PLTP</i>	<i>SNX21</i>	0.018297002	Co-localization	Johnson-Shoemaker-2003
<i>MMP2</i>	<i>MMP3</i>	0.0063566775	Co-localization	Johnson-Shoemaker-2003
<i>MMP2</i>	<i>PLTP</i>	0.005005489	Co-localization	Johnson-Shoemaker-2003
<i>MMP9</i>	<i>MMP8</i>	0.01102059	Co-localization	Johnson-Shoemaker-2003
<i>MMP10</i>	<i>MMP3</i>	0.02944486	Co-localization	Johnson-Shoemaker-2003
<i>MMP24</i>	<i>MMP16</i>	0.012562963	Co-localization	Johnson-Shoemaker-2003
<i>MMP14</i>	<i>MMP3</i>	0.007614681	Co-localization	Johnson-Shoemaker-2003
<i>MMP14</i>	<i>PLTP</i>	0.0065223807	Co-localization	Johnson-Shoemaker-2003
<i>MMP14</i>	<i>MMP2</i>	0.0035088009	Co-localization	Johnson-Shoemaker-2003
<i>MMP14</i>	<i>MMP10</i>	0.006571168	Co-localization	Johnson-Shoemaker-2003
<i>MMP19</i>	<i>MMP14</i>	0.009298849	Co-localization	Johnson-Shoemaker-2003
<i>MMP7</i>	<i>MMP2</i>	0.0052156677	Co-localization	Johnson-Shoemaker-2003
<i>MMP7</i>	<i>MMP14</i>	0.006517967	Co-localization	Johnson-Shoemaker-2003
<i>MMP3</i>	<i>MMP1</i>	0.01170476	Physical Interactions	Vastrik-Stein-2007
<i>MMP2</i>	<i>MMP1</i>	0.013150669	Physical Interactions	Vastrik-Stein-2007
<i>MMP2</i>	<i>MMP3</i>	0.012468514	Physical Interactions	Vastrik-Stein-2007
<i>MMP9</i>	<i>MMP1</i>	0.014410078	Physical Interactions	Vastrik-Stein-2007
<i>MMP10</i>	<i>MMP8</i>	0.034334067	Physical Interactions	Vastrik-Stein-2007
<i>MMP10</i>	<i>MMP1</i>	0.022712572	Physical Interactions	Vastrik-Stein-2007
<i>MMP10</i>	<i>MMP3</i>	0.021534419	Physical Interactions	Vastrik-Stein-2007
<i>MMP10</i>	<i>MMP2</i>	0.024194602	Physical Interactions	Vastrik-Stein-2007
<i>MMP10</i>	<i>MMP9</i>	0.026511664	Physical Interactions	Vastrik-Stein-2007
<i>MMP11</i>	<i>MMP8</i>	0.034191784	Physical Interactions	Vastrik-Stein-2007
<i>MMP11</i>	<i>MMP1</i>	0.022618448	Physical Interactions	Vastrik-Stein-2007
<i>MMP11</i>	<i>MMP3</i>	0.02144518	Physical Interactions	Vastrik-Stein-2007
<i>MMP11</i>	<i>MMP2</i>	0.02409434	Physical Interactions	Vastrik-Stein-2007
<i>MMP11</i>	<i>MMP9</i>	0.0264018	Physical Interactions	Vastrik-Stein-2007
<i>MMP13</i>	<i>MMP3</i>	0.013307539	Physical Interactions	Vastrik-Stein-2007
<i>MMP13</i>	<i>MMP10</i>	0.025822693	Physical Interactions	Vastrik-Stein-2007
<i>MMP13</i>	<i>MMP11</i>	0.025715683	Physical Interactions	Vastrik-Stein-2007
<i>MMP14</i>	<i>MMP8</i>	0.026552005	Physical Interactions	Vastrik-Stein-2007
<i>MMP14</i>	<i>MMP1</i>	0.017564604	Physical Interactions	Vastrik-Stein-2007
<i>MMP14</i>	<i>MMP3</i>	0.016653487	Physical Interactions	Vastrik-Stein-2007
<i>MMP14</i>	<i>MMP2</i>	0.018710723	Physical Interactions	Vastrik-Stein-2007
<i>MMP14</i>	<i>MMP9</i>	0.020502605	Physical Interactions	Vastrik-Stein-2007
<i>MMP14</i>	<i>MMP13</i>	0.019969795	Physical Interactions	Vastrik-Stein-2007
<i>MMP14</i>	<i>MMP16</i>	0.13556261	Physical Interactions	Vastrik-Stein-2007
<i>MMP15</i>	<i>MMP8</i>	0.03837757	Physical Interactions	Vastrik-Stein-2007
<i>MMP15</i>	<i>MMP1</i>	0.025387421	Physical Interactions	Vastrik-Stein-2007
<i>MMP15</i>	<i>MMP3</i>	0.024070518	Physical Interactions	Vastrik-Stein-2007
<i>MMP15</i>	<i>MMP2</i>	0.027043989	Physical Interactions	Vastrik-Stein-2007
<i>MMP15</i>	<i>MMP9</i>	0.02963393	Physical Interactions	Vastrik-Stein-2007
<i>MMP15</i>	<i>MMP13</i>	0.02886382	Physical Interactions	Vastrik-Stein-2007
<i>MMP12</i>	<i>MMP10</i>	0.028728068	Physical Interactions	Vastrik-Stein-2007

MMP12	MMP11	0.028609017	Physical Interactions	Vastrik-Stein-2007
MMP12	MMP14	0.022216644	Physical Interactions	Vastrik-Stein-2007
MMP12	MMP15	0.032111358	Physical Interactions	Vastrik-Stein-2007
MMP19	MMP8	0.022970373	Physical Interactions	Vastrik-Stein-2007
MMP19	MMP1	0.015195295	Physical Interactions	Vastrik-Stein-2007
MMP19	MMP3	0.014407081	Physical Interactions	Vastrik-Stein-2007
MMP19	MMP2	0.016186813	Physical Interactions	Vastrik-Stein-2007
MMP19	MMP9	0.017736986	Physical Interactions	Vastrik-Stein-2007
MMP19	MMP10	0.027956305	Physical Interactions	Vastrik-Stein-2007
MMP19	MMP11	0.027840454	Physical Interactions	Vastrik-Stein-2007
MMP19	MMP13	0.017276047	Physical Interactions	Vastrik-Stein-2007
MMP19	MMP14	0.021619808	Physical Interactions	Vastrik-Stein-2007
MMP19	MMP15	0.031248705	Physical Interactions	Vastrik-Stein-2007
MMP19	MMP12	0.019219816	Physical Interactions	Vastrik-Stein-2007
MMP7	MMP1	0.01321268	Physical Interactions	Vastrik-Stein-2007
MMP7	MMP3	0.012527309	Physical Interactions	Vastrik-Stein-2007
MMP7	MMP2	0.014074829	Physical Interactions	Vastrik-Stein-2007
MMP7	MMP10	0.02430869	Physical Interactions	Vastrik-Stein-2007
MMP7	MMP11	0.024207955	Physical Interactions	Vastrik-Stein-2007
MMP7	MMP14	0.018798953	Physical Interactions	Vastrik-Stein-2007
MMP7	MMP15	0.027171515	Physical Interactions	Vastrik-Stein-2007
MMP7	MMP19	0.01626314	Physical Interactions	Vastrik-Stein-2007
MMP3	MMP1	0.01170476	Physical Interactions	IREF-reactome
MMP2	MMP1	0.013150669	Physical Interactions	IREF-reactome
MMP2	MMP3	0.012468514	Physical Interactions	IREF-reactome
MMP9	MMP1	0.014410078	Physical Interactions	IREF-reactome
MMP10	MMP8	0.034334067	Physical Interactions	IREF-reactome
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MMP10	MMP3	0.021534419	Physical Interactions	IREF-reactome
MMP10	MMP2	0.024194602	Physical Interactions	IREF-reactome
MMP10	MMP9	0.026511664	Physical Interactions	IREF-reactome
MMP11	MMP8	0.034191784	Physical Interactions	IREF-reactome
MMP11	MMP1	0.022618448	Physical Interactions	IREF-reactome
MMP11	MMP3	0.02144518	Physical Interactions	IREF-reactome
MMP11	MMP2	0.02409434	Physical Interactions	IREF-reactome
MMP11	MMP9	0.0264018	Physical Interactions	IREF-reactome
MMP13	MMP3	0.013307539	Physical Interactions	IREF-reactome
MMP13	MMP10	0.025822693	Physical Interactions	IREF-reactome
MMP13	MMP11	0.025715683	Physical Interactions	IREF-reactome
MMP14	MMP8	0.026552005	Physical Interactions	IREF-reactome
MMP14	MMP1	0.017564604	Physical Interactions	IREF-reactome
MMP14	MMP3	0.016653487	Physical Interactions	IREF-reactome
MMP14	MMP2	0.018710723	Physical Interactions	IREF-reactome
MMP14	MMP9	0.020502605	Physical Interactions	IREF-reactome
MMP14	MMP13	0.019969795	Physical Interactions	IREF-reactome
MMP14	MMP16	0.13556261	Physical Interactions	IREF-reactome
MMP15	MMP8	0.03837757	Physical Interactions	IREF-reactome

<i>MMP15</i>	<i>MMP1</i>	0.025387421	Physical Interactions	IREF-reactome
<i>MMP15</i>	<i>MMP3</i>	0.024070518	Physical Interactions	IREF-reactome
<i>MMP15</i>	<i>MMP2</i>	0.027043989	Physical Interactions	IREF-reactome
<i>MMP15</i>	<i>MMP9</i>	0.02963393	Physical Interactions	IREF-reactome
<i>MMP15</i>	<i>MMP13</i>	0.02886382	Physical Interactions	IREF-reactome
<i>MMP12</i>	<i>MMP10</i>	0.028728068	Physical Interactions	IREF-reactome
<i>MMP12</i>	<i>MMP11</i>	0.028609017	Physical Interactions	IREF-reactome
<i>MMP12</i>	<i>MMP14</i>	0.022216644	Physical Interactions	IREF-reactome
<i>MMP12</i>	<i>MMP15</i>	0.032111358	Physical Interactions	IREF-reactome
<i>MMP19</i>	<i>MMP8</i>	0.022970373	Physical Interactions	IREF-reactome
<i>MMP19</i>	<i>MMP1</i>	0.015195295	Physical Interactions	IREF-reactome
<i>MMP19</i>	<i>MMP3</i>	0.014407081	Physical Interactions	IREF-reactome
<i>MMP19</i>	<i>MMP2</i>	0.016186813	Physical Interactions	IREF-reactome
<i>MMP19</i>	<i>MMP9</i>	0.017736986	Physical Interactions	IREF-reactome
<i>MMP19</i>	<i>MMP10</i>	0.027956305	Physical Interactions	IREF-reactome
<i>MMP19</i>	<i>MMP11</i>	0.027840454	Physical Interactions	IREF-reactome
<i>MMP19</i>	<i>MMP13</i>	0.017276047	Physical Interactions	IREF-reactome
<i>MMP19</i>	<i>MMP14</i>	0.021619808	Physical Interactions	IREF-reactome
<i>MMP19</i>	<i>MMP15</i>	0.031248705	Physical Interactions	IREF-reactome
<i>MMP19</i>	<i>MMP12</i>	0.019219816	Physical Interactions	IREF-reactome
<i>MMP7</i>	<i>MMP1</i>	0.01321268	Physical Interactions	IREF-reactome
<i>MMP7</i>	<i>MMP3</i>	0.012527309	Physical Interactions	IREF-reactome
<i>MMP7</i>	<i>MMP2</i>	0.014074829	Physical Interactions	IREF-reactome
<i>MMP7</i>	<i>MMP10</i>	0.02430869	Physical Interactions	IREF-reactome
<i>MMP7</i>	<i>MMP11</i>	0.024207955	Physical Interactions	IREF-reactome
<i>MMP7</i>	<i>MMP14</i>	0.018798953	Physical Interactions	IREF-reactome
<i>MMP7</i>	<i>MMP15</i>	0.027171515	Physical Interactions	IREF-reactome
<i>MMP7</i>	<i>MMP19</i>	0.01626314	Physical Interactions	IREF-reactome
<i>MMP1</i>	<i>MMP8</i>	0.13822381	Predicted	Wu-Stein-2010
<i>MMP3</i>	<i>MMP1</i>	0.07603955	Predicted	Wu-Stein-2010
<i>MMP2</i>	<i>MMP1</i>	0.029429162	Predicted	Wu-Stein-2010
<i>MMP2</i>	<i>MMP3</i>	0.030644799	Predicted	Wu-Stein-2010
<i>MMP9</i>	<i>MMP8</i>	0.06284516	Predicted	Wu-Stein-2010
<i>MMP9</i>	<i>MMP1</i>	0.033200886	Predicted	Wu-Stein-2010
<i>MMP9</i>	<i>MMP3</i>	0.034572322	Predicted	Wu-Stein-2010
<i>MMP9</i>	<i>MMP2</i>	0.013380332	Predicted	Wu-Stein-2010
<i>MMP10</i>	<i>MMP9</i>	0.28006592	Predicted	Wu-Stein-2010
<i>MMP11</i>	<i>MMP2</i>	0.15071048	Predicted	Wu-Stein-2010
<i>MMP11</i>	<i>MMP9</i>	0.17002596	Predicted	Wu-Stein-2010
<i>MMP13</i>	<i>MMP1</i>	0.08638272	Predicted	Wu-Stein-2010
<i>MMP13</i>	<i>MMP3</i>	0.08995094	Predicted	Wu-Stein-2010
<i>MMP13</i>	<i>MMP9</i>	0.03927497	Predicted	Wu-Stein-2010
<i>MMP16</i>	<i>MMP2</i>	0.12822069	Predicted	Wu-Stein-2010
<i>MMP16</i>	<i>MMP13</i>	0.37636313	Predicted	Wu-Stein-2010
<i>MMP24</i>	<i>MMP2</i>	0.25902104	Predicted	Wu-Stein-2010
<i>MMP17</i>	<i>MMP2</i>	0.25902104	Predicted	Wu-Stein-2010
<i>MMP14</i>	<i>MMP8</i>	0.10642476	Predicted	Wu-Stein-2010

<i>MMP14</i>	<i>MMP3</i>	0.058546286	Predicted	Wu-Stein-2010
<i>MMP14</i>	<i>MMP9</i>	0.025562862	Predicted	Wu-Stein-2010
<i>MMP14</i>	<i>MMP13</i>	0.066509955	Predicted	Wu-Stein-2010
<i>MMP15</i>	<i>MMP2</i>	0.08224454	Predicted	Wu-Stein-2010
<i>MMP15</i>	<i>MMP14</i>	0.15712658	Predicted	Wu-Stein-2010
<i>MMP25</i>	<i>MMP2</i>	0.115931414	Predicted	Wu-Stein-2010
<i>MMP7</i>	<i>MMP1</i>	0.10645419	Predicted	Wu-Stein-2010
<i>MMP7</i>	<i>MMP9</i>	0.04840071	Predicted	Wu-Stein-2010
<i>CETP</i>	<i>PLTP</i>	0.52145225	Predicted	Wu-Stein-2010
<i>MMP26</i>	<i>MMP9</i>	0.061761584	Predicted	Wu-Stein-2010
<i>MMP26</i>	<i>MMP7</i>	0.19803023	Predicted	Wu-Stein-2010
<i>MMP1</i>	<i>MMP8</i>	0.046538528	Shared protein doma	INTERPRO
<i>MMP3</i>	<i>MMP8</i>	0.046538528	Shared protein doma	INTERPRO
<i>MMP3</i>	<i>MMP1</i>	0.046538528	Shared protein doma	INTERPRO
<i>MMP2</i>	<i>MMP8</i>	0.04035738	Shared protein doma	INTERPRO
<i>MMP2</i>	<i>MMP1</i>	0.04035738	Shared protein doma	INTERPRO
<i>MMP2</i>	<i>MMP3</i>	0.04035738	Shared protein doma	INTERPRO
<i>MMP9</i>	<i>MMP8</i>	0.04035738	Shared protein doma	INTERPRO
<i>MMP9</i>	<i>MMP1</i>	0.04035738	Shared protein doma	INTERPRO
<i>MMP9</i>	<i>MMP3</i>	0.04035738	Shared protein doma	INTERPRO
<i>MMP9</i>	<i>MMP2</i>	0.04305101	Shared protein doma	INTERPRO
<i>MMP10</i>	<i>MMP8</i>	0.043842833	Shared protein doma	INTERPRO
<i>MMP10</i>	<i>MMP1</i>	0.043842833	Shared protein doma	INTERPRO
<i>MMP10</i>	<i>MMP3</i>	0.043842833	Shared protein doma	INTERPRO
<i>MMP10</i>	<i>MMP2</i>	0.038019557	Shared protein doma	INTERPRO
<i>MMP10</i>	<i>MMP9</i>	0.038019557	Shared protein doma	INTERPRO
<i>MMP11</i>	<i>MMP8</i>	0.04295017	Shared protein doma	INTERPRO
<i>MMP11</i>	<i>MMP1</i>	0.04295017	Shared protein doma	INTERPRO
<i>MMP11</i>	<i>MMP3</i>	0.04295017	Shared protein doma	INTERPRO
<i>MMP11</i>	<i>MMP2</i>	0.037245277	Shared protein doma	INTERPRO
<i>MMP11</i>	<i>MMP9</i>	0.037245277	Shared protein doma	INTERPRO
<i>MMP11</i>	<i>MMP10</i>	0.038830653	Shared protein doma	INTERPRO
<i>MMP13</i>	<i>MMP8</i>	0.046538528	Shared protein doma	INTERPRO
<i>MMP13</i>	<i>MMP1</i>	0.046538528	Shared protein doma	INTERPRO
<i>MMP13</i>	<i>MMP3</i>	0.046538528	Shared protein doma	INTERPRO
<i>MMP13</i>	<i>MMP2</i>	0.04035738	Shared protein doma	INTERPRO
<i>MMP13</i>	<i>MMP9</i>	0.04035738	Shared protein doma	INTERPRO
<i>MMP13</i>	<i>MMP10</i>	0.043842833	Shared protein doma	INTERPRO
<i>MMP13</i>	<i>MMP11</i>	0.04295017	Shared protein doma	INTERPRO
<i>MMP16</i>	<i>MMP8</i>	0.04567707	Shared protein doma	INTERPRO
<i>MMP16</i>	<i>MMP1</i>	0.04567707	Shared protein doma	INTERPRO
<i>MMP16</i>	<i>MMP3</i>	0.04567707	Shared protein doma	INTERPRO
<i>MMP16</i>	<i>MMP2</i>	0.039610337	Shared protein doma	INTERPRO
<i>MMP16</i>	<i>MMP9</i>	0.039610337	Shared protein doma	INTERPRO
<i>MMP16</i>	<i>MMP10</i>	0.043031245	Shared protein doma	INTERPRO
<i>MMP16</i>	<i>MMP11</i>	0.04215508	Shared protein doma	INTERPRO
<i>MMP16</i>	<i>MMP13</i>	0.04567707	Shared protein doma	INTERPRO

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MMP24	MMP1	0.041946262	Shared protein doma INTERPRO
MMP24	MMP3	0.041946262	Shared protein doma INTERPRO
MMP24	MMP2	0.036374882	Shared protein doma INTERPRO
MMP24	MMP9	0.036374882	Shared protein doma INTERPRO
MMP24	MMP10	0.038713504	Shared protein doma INTERPRO
MMP24	MMP11	0.03704605	Shared protein doma INTERPRO
MMP24	MMP13	0.041946262	Shared protein doma INTERPRO
MMP24	MMP16	0.049316004	Shared protein doma INTERPRO
MMP17	MMP8	0.039697845	Shared protein doma INTERPRO
MMP17	MMP1	0.039697845	Shared protein doma INTERPRO
MMP17	MMP3	0.039697845	Shared protein doma INTERPRO
MMP17	MMP2	0.034424905	Shared protein doma INTERPRO
MMP17	MMP9	0.034424905	Shared protein doma INTERPRO
MMP17	MMP10	0.042559948	Shared protein doma INTERPRO
MMP17	MMP11	0.03307544	Shared protein doma INTERPRO
MMP17	MMP13	0.039697845	Shared protein doma INTERPRO
MMP17	MMP16	0.03896296	Shared protein doma INTERPRO
MMP17	MMP24	0.041050196	Shared protein doma INTERPRO
MMP14	MMP8	0.04567707	Shared protein doma INTERPRO
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MMP14	MMP3	0.04567707	Shared protein doma INTERPRO
MMP14	MMP2	0.039610337	Shared protein doma INTERPRO
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MMP21	MMP14	0.03884636	Shared protein doma INTERPRO
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MMP28	MMP8	0.039577175	Shared protein doma INTERPRO
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MMP12	MMP17	0.039697845	Shared protein doma INTERPRO
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MMP7	MMP20	0.0426265	Shared protein doma INTERPRO
AC002094.3	MMP8	0.027929543	Shared protein doma INTERPRO
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CETP	PLTP	0.09866344	Shared protein doma INTERPRO
HPX	MMP8	0.035150975	Shared protein doma INTERPRO
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MMP26	MMP21	0.034272224	Shared protein doma INTERPRO
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MMP26	MMP20	0.034361135	Shared protein doma INTERPRO
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MMP9	MMP8	0.037137225	Shared protein doma PFAM
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MMP10	MMP9	0.037137225	Shared protein doma PFAM
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MMP13	MMP8	0.044638466	Shared protein doma PFAM
MMP13	MMP1	0.044638466	Shared protein doma PFAM
MMP13	MMP3	0.044638466	Shared protein doma PFAM
MMP13	MMP2	0.037137225	Shared protein doma PFAM
MMP13	MMP9	0.037137225	Shared protein doma PFAM
MMP13	MMP10	0.044638466	Shared protein doma PFAM
MMP13	MMP11	0.038203504	Shared protein doma PFAM
MMP16	MMP8	0.042370785	Shared protein doma PFAM
MMP16	MMP1	0.042370785	Shared protein doma PFAM
MMP16	MMP3	0.042370785	Shared protein doma PFAM
MMP16	MMP2	0.03525061	Shared protein doma PFAM
MMP16	MMP9	0.03525061	Shared protein doma PFAM
MMP16	MMP10	0.042370785	Shared protein doma PFAM
MMP16	MMP11	0.036262486	Shared protein doma PFAM
MMP16	MMP13	0.042370785	Shared protein doma PFAM
MMP24	MMP8	0.042370785	Shared protein doma PFAM
MMP24	MMP1	0.042370785	Shared protein doma PFAM
MMP24	MMP3	0.042370785	Shared protein doma PFAM
MMP24	MMP2	0.03525061	Shared protein doma PFAM
MMP24	MMP9	0.03525061	Shared protein doma PFAM
MMP24	MMP10	0.042370785	Shared protein doma PFAM
MMP24	MMP11	0.036262486	Shared protein doma PFAM
MMP24	MMP13	0.042370785	Shared protein doma PFAM
MMP24	MMP16	0.06165466	Shared protein doma PFAM

MMP17	MMP8	0.044638466	Shared protein doma PFAM
MMP17	MMP1	0.044638466	Shared protein doma PFAM
MMP17	MMP3	0.044638466	Shared protein doma PFAM
MMP17	MMP2	0.037137225	Shared protein doma PFAM
MMP17	MMP9	0.037137225	Shared protein doma PFAM
MMP17	MMP10	0.044638466	Shared protein doma PFAM
MMP17	MMP11	0.038203504	Shared protein doma PFAM
MMP17	MMP13	0.044638466	Shared protein doma PFAM
MMP17	MMP16	0.042370785	Shared protein doma PFAM
MMP17	MMP24	0.042370785	Shared protein doma PFAM
MMP14	MMP8	0.042370785	Shared protein doma PFAM
MMP14	MMP1	0.042370785	Shared protein doma PFAM
MMP14	MMP3	0.042370785	Shared protein doma PFAM
MMP14	MMP2	0.03525061	Shared protein doma PFAM
MMP14	MMP9	0.03525061	Shared protein doma PFAM
MMP14	MMP10	0.042370785	Shared protein doma PFAM
MMP14	MMP11	0.036262486	Shared protein doma PFAM
MMP14	MMP13	0.042370785	Shared protein doma PFAM
MMP14	MMP16	0.06165466	Shared protein doma PFAM
MMP14	MMP24	0.06165466	Shared protein doma PFAM
MMP14	MMP17	0.042370785	Shared protein doma PFAM
MMP15	MMP8	0.042370785	Shared protein doma PFAM
MMP15	MMP1	0.042370785	Shared protein doma PFAM
MMP15	MMP3	0.042370785	Shared protein doma PFAM
MMP15	MMP2	0.03525061	Shared protein doma PFAM
MMP15	MMP9	0.03525061	Shared protein doma PFAM
MMP15	MMP10	0.042370785	Shared protein doma PFAM
MMP15	MMP11	0.036262486	Shared protein doma PFAM
MMP15	MMP13	0.042370785	Shared protein doma PFAM
MMP15	MMP16	0.06165466	Shared protein doma PFAM
MMP15	MMP24	0.06165466	Shared protein doma PFAM
MMP15	MMP17	0.042370785	Shared protein doma PFAM
MMP15	MMP14	0.06165466	Shared protein doma PFAM
MMP21	MMP8	0.044638466	Shared protein doma PFAM
MMP21	MMP1	0.044638466	Shared protein doma PFAM
MMP21	MMP3	0.044638466	Shared protein doma PFAM
MMP21	MMP2	0.037137225	Shared protein doma PFAM
MMP21	MMP9	0.037137225	Shared protein doma PFAM
MMP21	MMP10	0.044638466	Shared protein doma PFAM
MMP21	MMP11	0.038203504	Shared protein doma PFAM
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MMP28	MMP3	0.044638466	Shared protein doma PFAM
MMP28	MMP2	0.037137225	Shared protein doma PFAM
MMP28	MMP9	0.037137225	Shared protein doma PFAM
MMP28	MMP10	0.044638466	Shared protein doma PFAM
MMP28	MMP11	0.038203504	Shared protein doma PFAM
MMP28	MMP13	0.044638466	Shared protein doma PFAM
MMP28	MMP16	0.042370785	Shared protein doma PFAM
MMP28	MMP24	0.042370785	Shared protein doma PFAM
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MMP25	MMP8	0.044638466	Shared protein doma PFAM
MMP25	MMP1	0.044638466	Shared protein doma PFAM
MMP25	MMP3	0.044638466	Shared protein doma PFAM
MMP25	MMP2	0.037137225	Shared protein doma PFAM
MMP25	MMP9	0.037137225	Shared protein doma PFAM
MMP25	MMP10	0.044638466	Shared protein doma PFAM
MMP25	MMP11	0.038203504	Shared protein doma PFAM
MMP25	MMP13	0.044638466	Shared protein doma PFAM
MMP25	MMP16	0.042370785	Shared protein doma PFAM
MMP25	MMP24	0.042370785	Shared protein doma PFAM
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MMP12	MMP1	0.044638466	Shared protein doma PFAM
MMP12	MMP3	0.044638466	Shared protein doma PFAM
MMP12	MMP2	0.037137225	Shared protein doma PFAM
MMP12	MMP9	0.037137225	Shared protein doma PFAM
MMP12	MMP10	0.044638466	Shared protein doma PFAM
MMP12	MMP11	0.038203504	Shared protein doma PFAM
MMP12	MMP13	0.044638466	Shared protein doma PFAM
MMP12	MMP16	0.042370785	Shared protein doma PFAM
MMP12	MMP24	0.042370785	Shared protein doma PFAM
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MMP12	MMP28	0.044638466	Shared protein doma PFAM
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MMP27	MMP1	0.044638466	Shared protein doma PFAM
MMP27	MMP3	0.044638466	Shared protein doma PFAM

MMP27	MMP2	0.037137225	Shared protein doma PFAM
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MMP27	MMP10	0.044638466	Shared protein doma PFAM
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MMP19	MMP1	0.044638466	Shared protein doma PFAM
MMP19	MMP3	0.044638466	Shared protein doma PFAM
MMP19	MMP2	0.037137225	Shared protein doma PFAM
MMP19	MMP9	0.037137225	Shared protein doma PFAM
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MMP19	MMP25	0.044638466	Shared protein doma PFAM
MMP19	MMP12	0.044638466	Shared protein doma PFAM
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MMP20	MMP8	0.044638466	Shared protein doma PFAM
MMP20	MMP1	0.044638466	Shared protein doma PFAM
MMP20	MMP3	0.044638466	Shared protein doma PFAM
MMP20	MMP2	0.037137225	Shared protein doma PFAM
MMP20	MMP9	0.037137225	Shared protein doma PFAM
MMP20	MMP10	0.044638466	Shared protein doma PFAM
MMP20	MMP11	0.038203504	Shared protein doma PFAM
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MMP20	MMP28	0.044638466	Shared protein doma PFAM

<i>MMP20</i>	<i>MMP25</i>	0.044638466	Shared protein doma PFAM
<i>MMP20</i>	<i>MMP12</i>	0.044638466	Shared protein doma PFAM
<i>MMP20</i>	<i>MMP27</i>	0.044638466	Shared protein doma PFAM
<i>MMP20</i>	<i>MMP19</i>	0.044638466	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP8</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP1</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP3</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP2</i>	0.035212174	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP9</i>	0.035212174	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP10</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP11</i>	0.026986677	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP13</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP16</i>	0.040174913	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP24</i>	0.040174913	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP17</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP14</i>	0.040174913	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP15</i>	0.040174913	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP21</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP28</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP25</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP12</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP27</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP19</i>	0.04232532	Shared protein doma PFAM
<i>MMP7</i>	<i>MMP20</i>	0.04232532	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP8</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP1</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP3</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP2</i>	0.026360147	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP9</i>	0.026360147	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP10</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP11</i>	0.041484844	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP13</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP16</i>	0.030076455	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP24</i>	0.030076455	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP17</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP14</i>	0.030076455	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP15</i>	0.030076455	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP21</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP28</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP25</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP12</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP27</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP19</i>	0.031686947	Shared protein doma PFAM
<i>AC002094.3</i>	<i>MMP20</i>	0.031686947	Shared protein doma PFAM
<i>CETP</i>	<i>PLTP</i>	0.09137102	Shared protein doma PFAM
<i>HPX</i>	<i>MMP8</i>	0.031686947	Shared protein doma PFAM
<i>HPX</i>	<i>MMP1</i>	0.031686947	Shared protein doma PFAM



HPX	MMP3	0.031686947	Shared protein doma PFAM
HPX	MMP2	0.026360147	Shared protein doma PFAM
HPX	MMP9	0.026360147	Shared protein doma PFAM
HPX	MMP10	0.031686947	Shared protein doma PFAM
HPX	MMP11	0.041484844	Shared protein doma PFAM
HPX	MMP13	0.031686947	Shared protein doma PFAM
HPX	MMP16	0.030076455	Shared protein doma PFAM
HPX	MMP24	0.030076455	Shared protein doma PFAM
HPX	MMP17	0.031686947	Shared protein doma PFAM
HPX	MMP14	0.030076455	Shared protein doma PFAM
HPX	MMP15	0.030076455	Shared protein doma PFAM
HPX	MMP21	0.031686947	Shared protein doma PFAM
HPX	MMP28	0.031686947	Shared protein doma PFAM
HPX	MMP25	0.031686947	Shared protein doma PFAM
HPX	MMP12	0.031686947	Shared protein doma PFAM
HPX	MMP27	0.031686947	Shared protein doma PFAM
HPX	MMP19	0.031686947	Shared protein doma PFAM
HPX	MMP20	0.031686947	Shared protein doma PFAM
HPX	AC002094.3	0.0692488	Shared protein doma PFAM
MMP26	MMP8	0.03326784	Shared protein doma PFAM
MMP26	MMP1	0.03326784	Shared protein doma PFAM
MMP26	MMP3	0.03326784	Shared protein doma PFAM
MMP26	MMP2	0.027675318	Shared protein doma PFAM
MMP26	MMP9	0.027675318	Shared protein doma PFAM
MMP26	MMP10	0.03326784	Shared protein doma PFAM
MMP26	MMP11	0.043554474	Shared protein doma PFAM
MMP26	MMP13	0.03326784	Shared protein doma PFAM
MMP26	MMP16	0.031577017	Shared protein doma PFAM
MMP26	MMP24	0.031577017	Shared protein doma PFAM
MMP26	MMP17	0.03326784	Shared protein doma PFAM
MMP26	MMP14	0.031577017	Shared protein doma PFAM
MMP26	MMP15	0.031577017	Shared protein doma PFAM
MMP26	MMP21	0.03326784	Shared protein doma PFAM
MMP26	MMP28	0.03326784	Shared protein doma PFAM
MMP26	MMP25	0.03326784	Shared protein doma PFAM
MMP26	MMP12	0.03326784	Shared protein doma PFAM
MMP26	MMP27	0.03326784	Shared protein doma PFAM
MMP26	MMP19	0.03326784	Shared protein doma PFAM
MMP26	MMP20	0.03326784	Shared protein doma PFAM
MMP26	MMP7	0.04674424	Shared protein doma PFAM

ed genes in breast (functionality in breast) (GeneMANIA) (<http://genemania.org>)