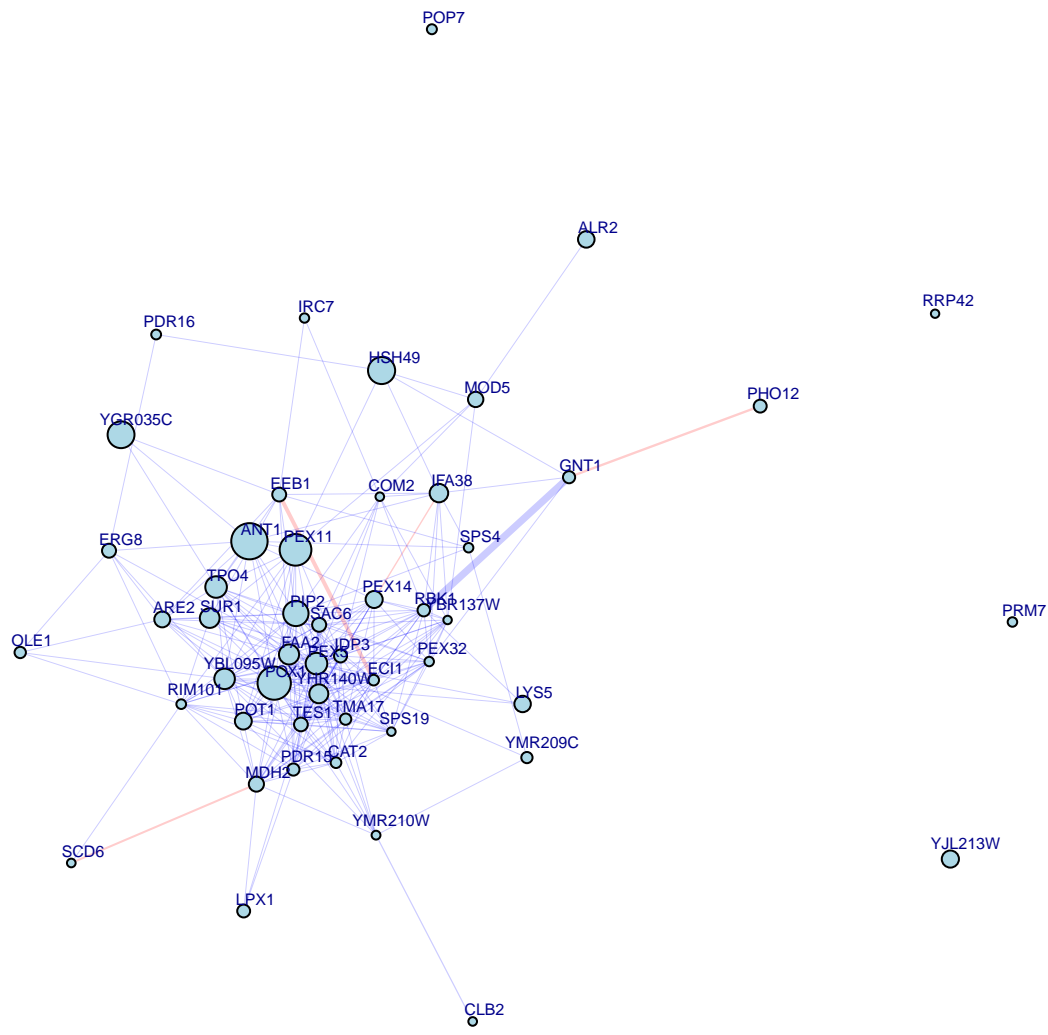
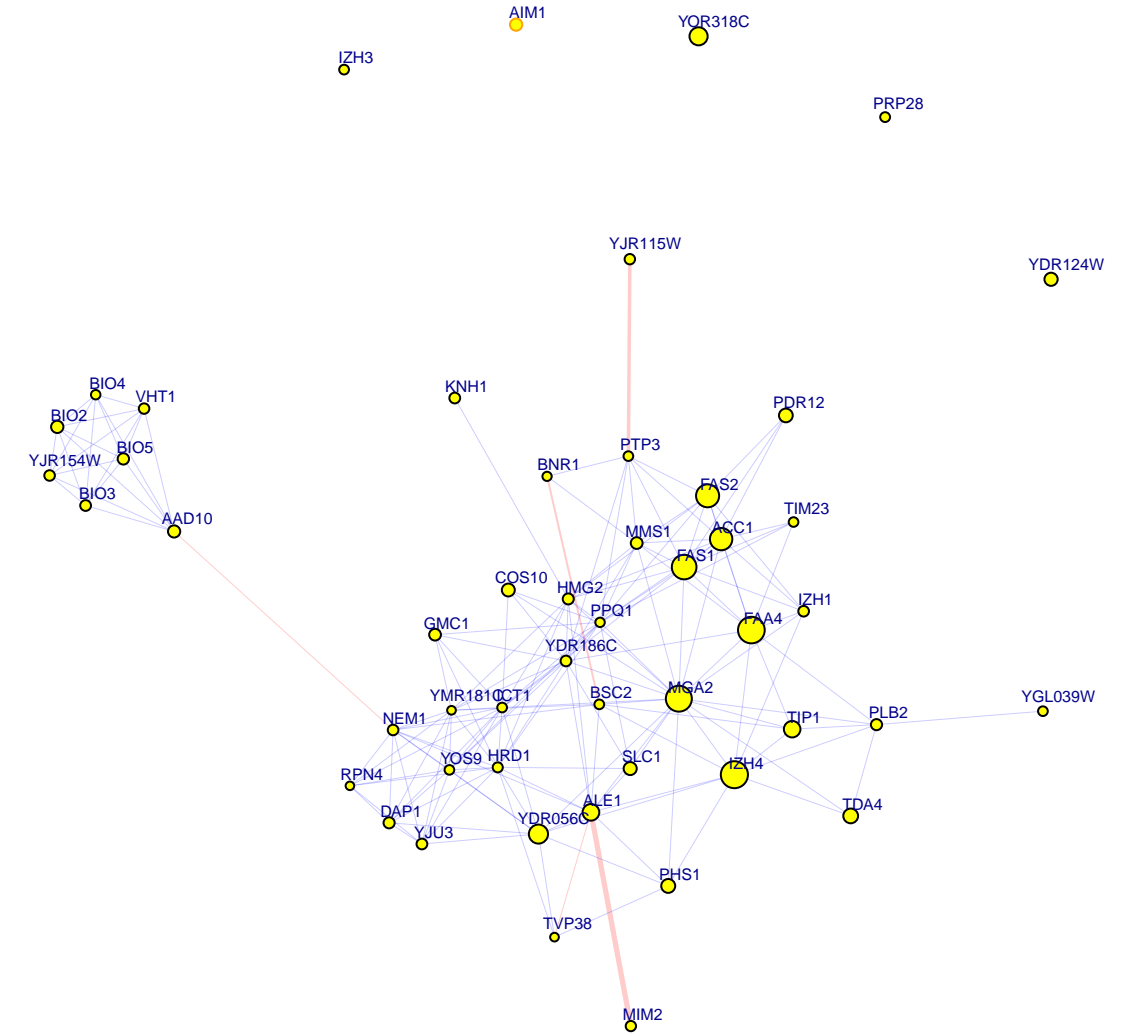


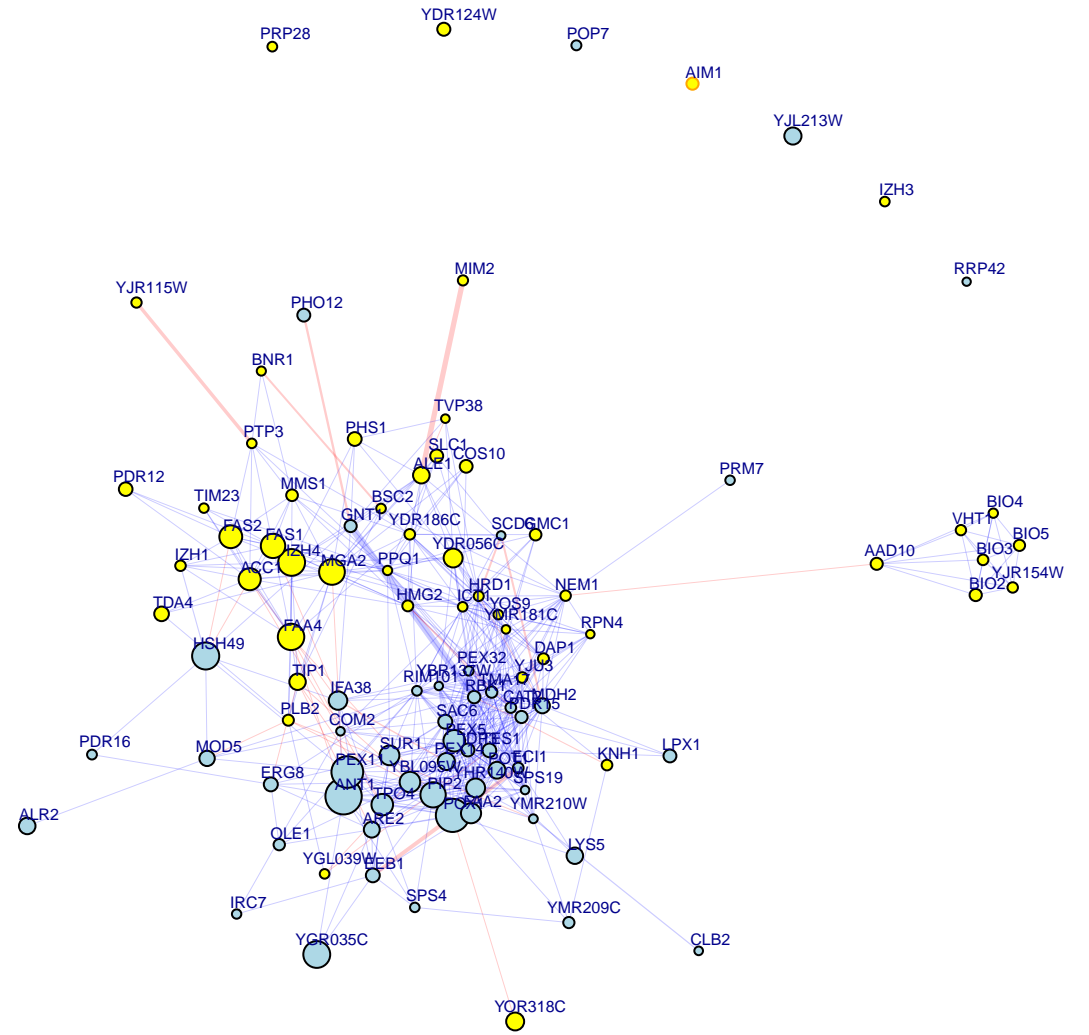
chr1:48890_C/T top 50 up genes



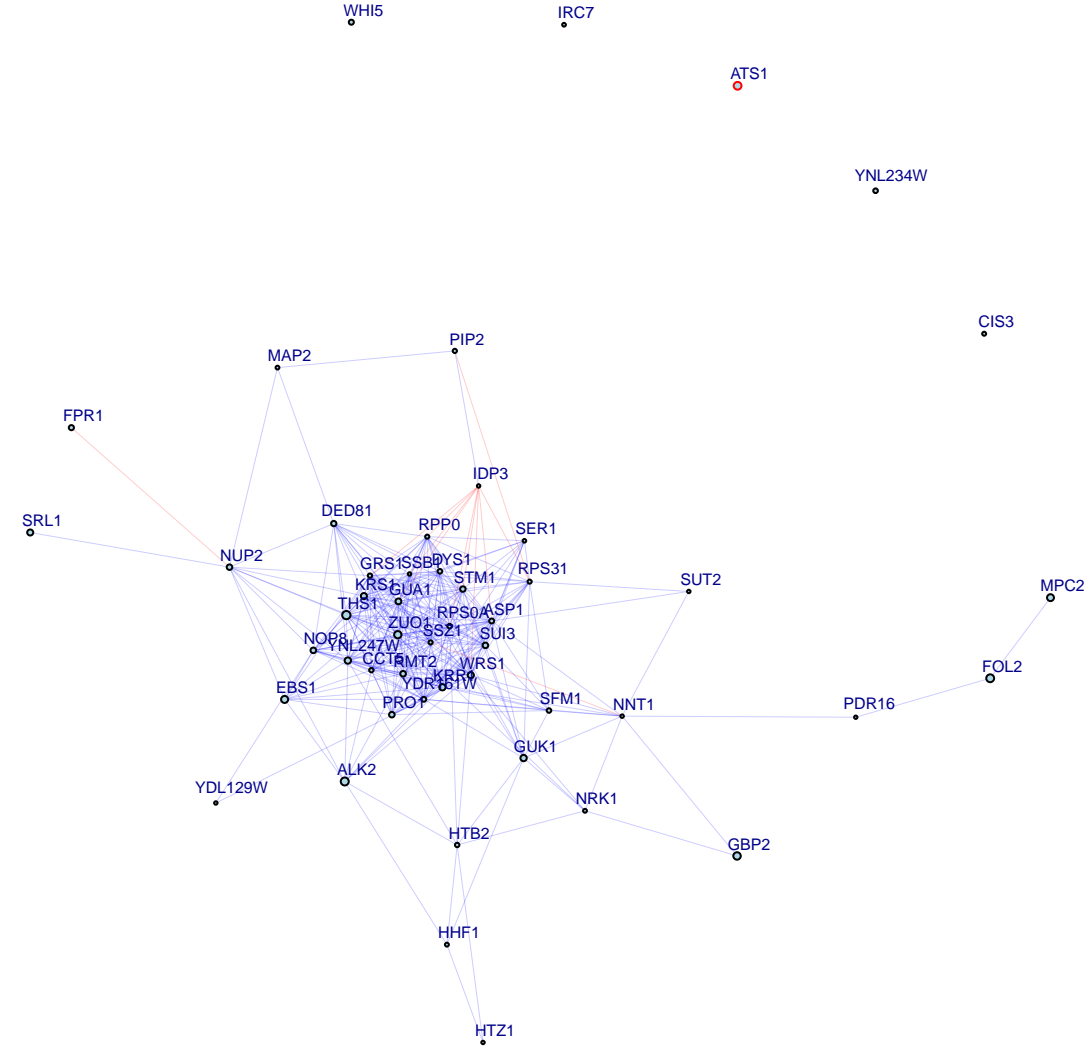
chr1:48890_C/T top 50 down genes



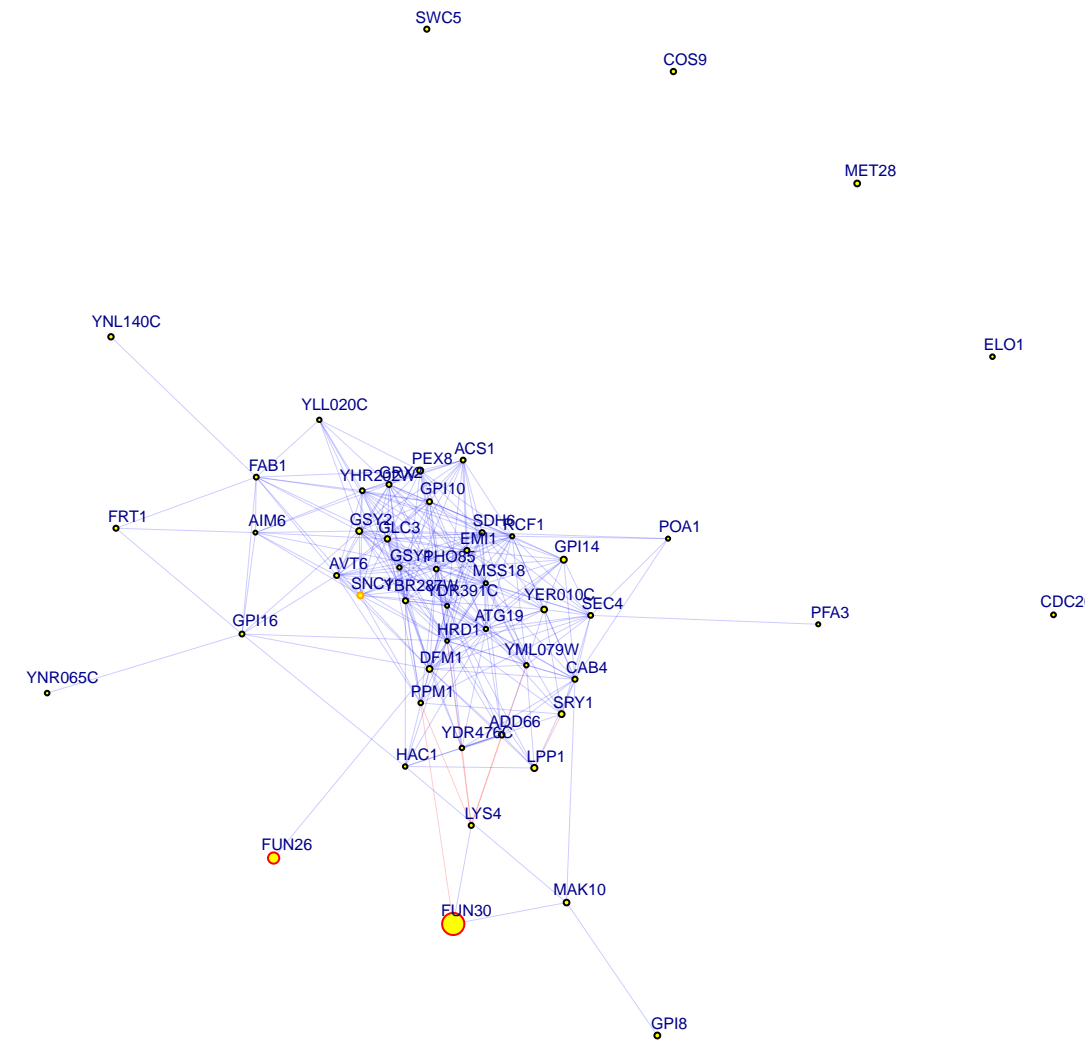
chr1:48890_C/T top 100 up and down genes



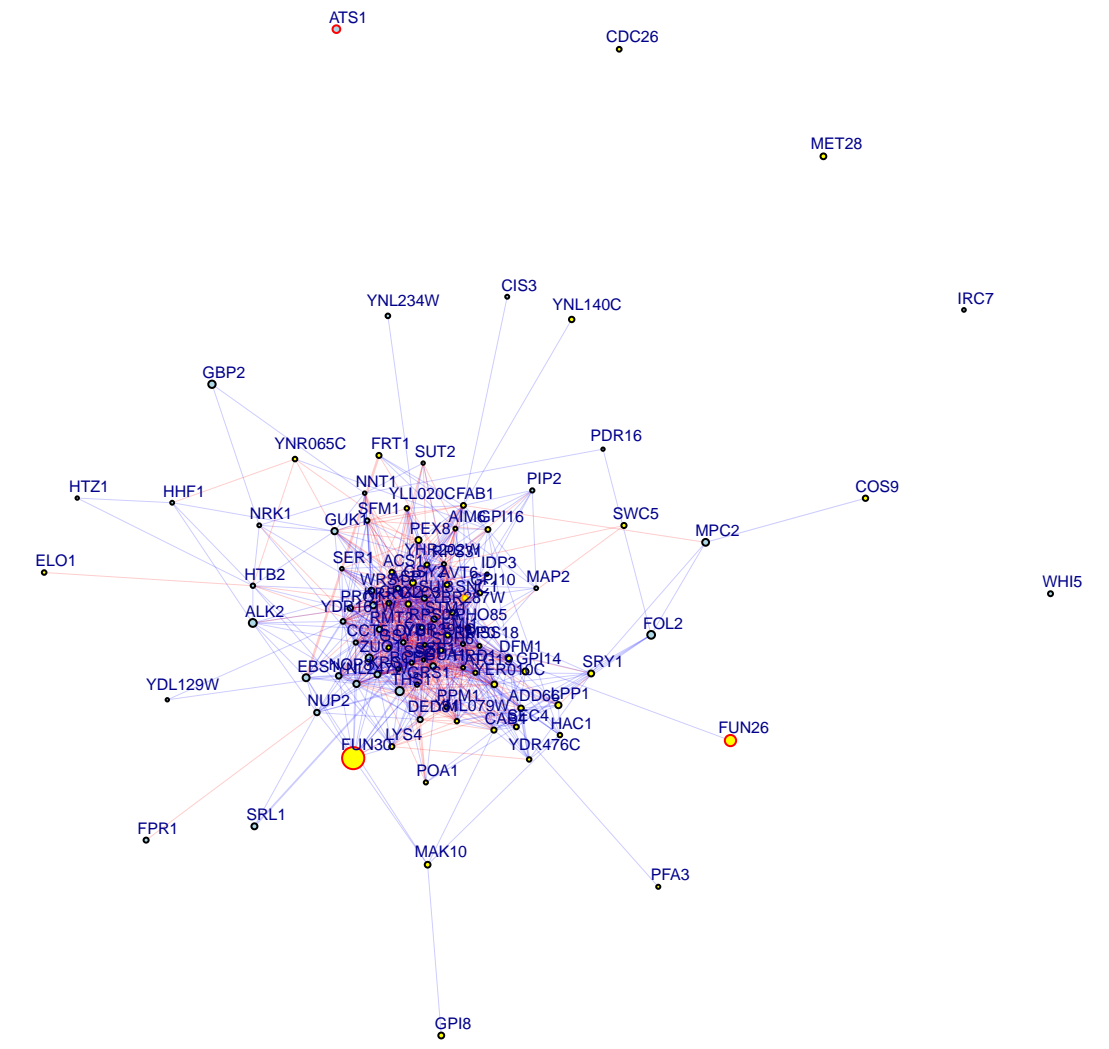
chr1:109735_A/G top 50 up genes



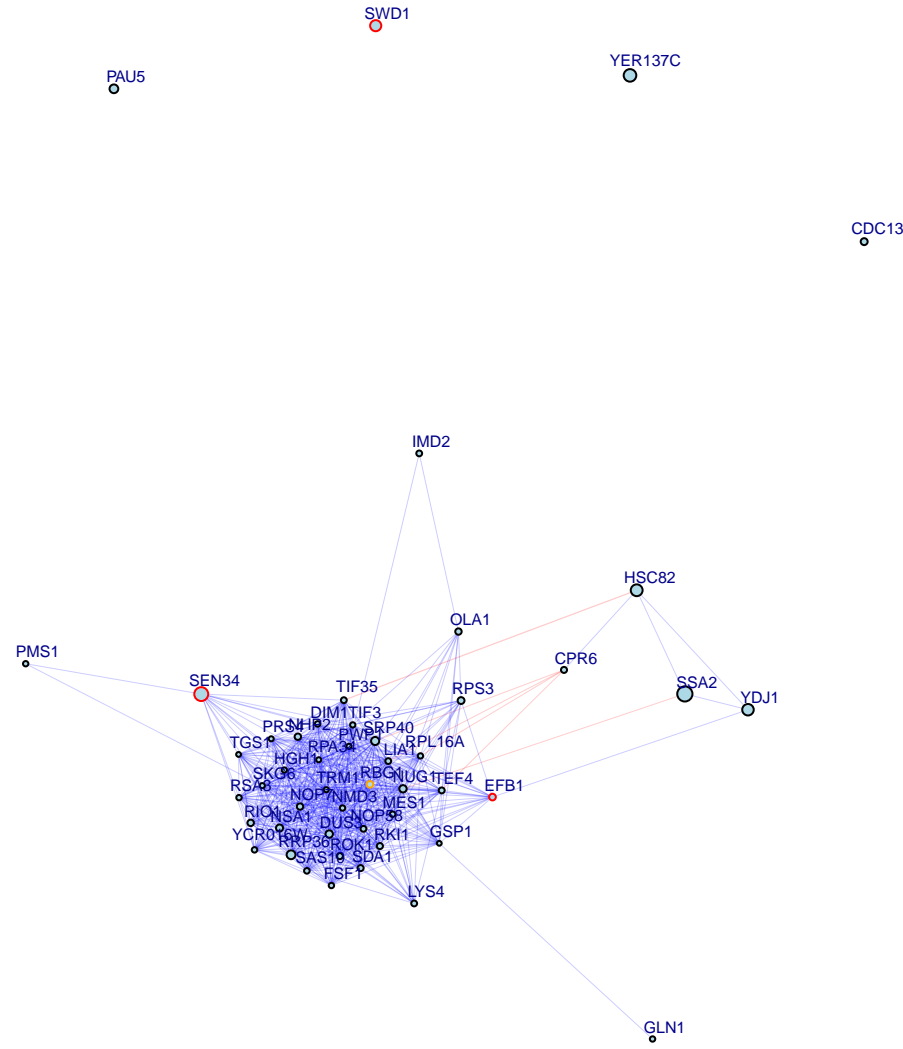
chr1:109735_A/G top 50 down genes



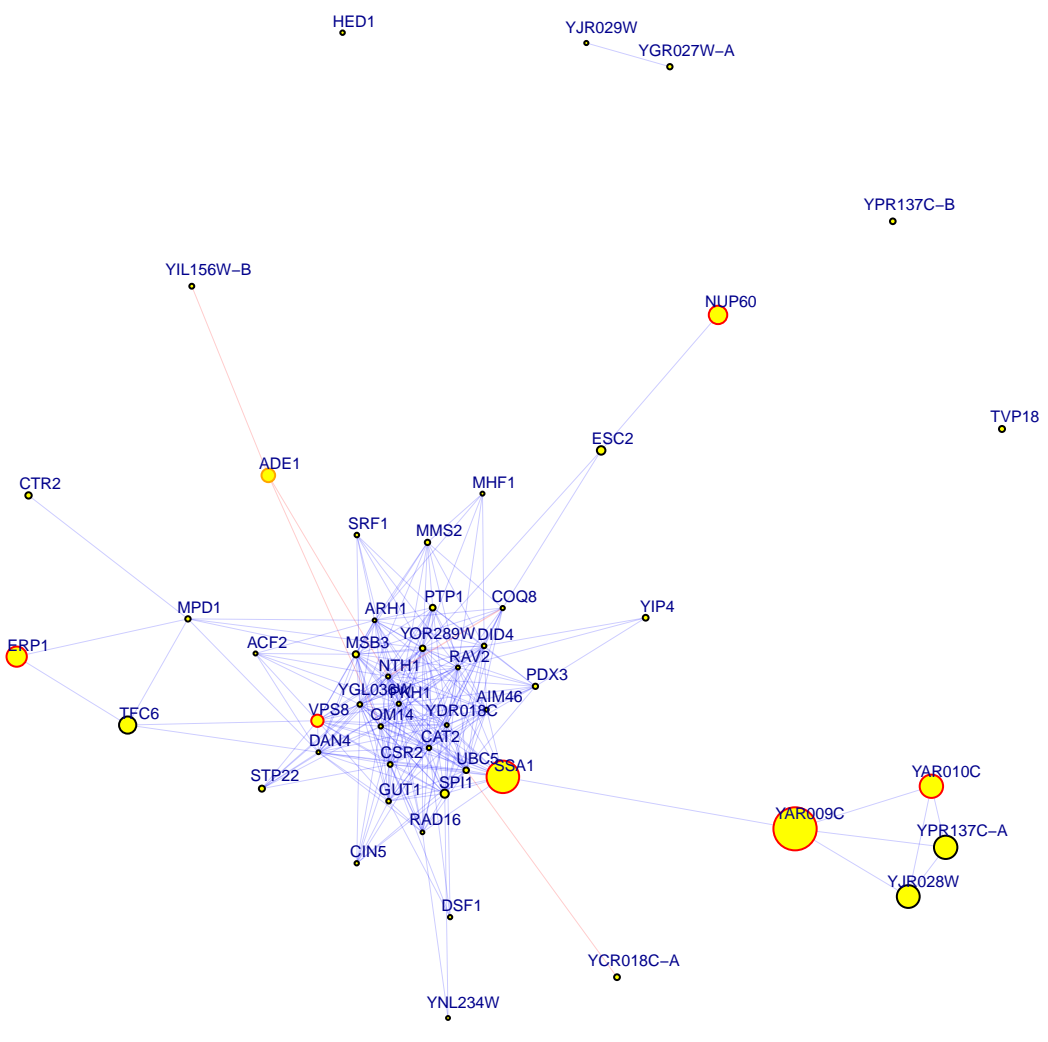
chr1:109735_A/G top 100 up and down genes



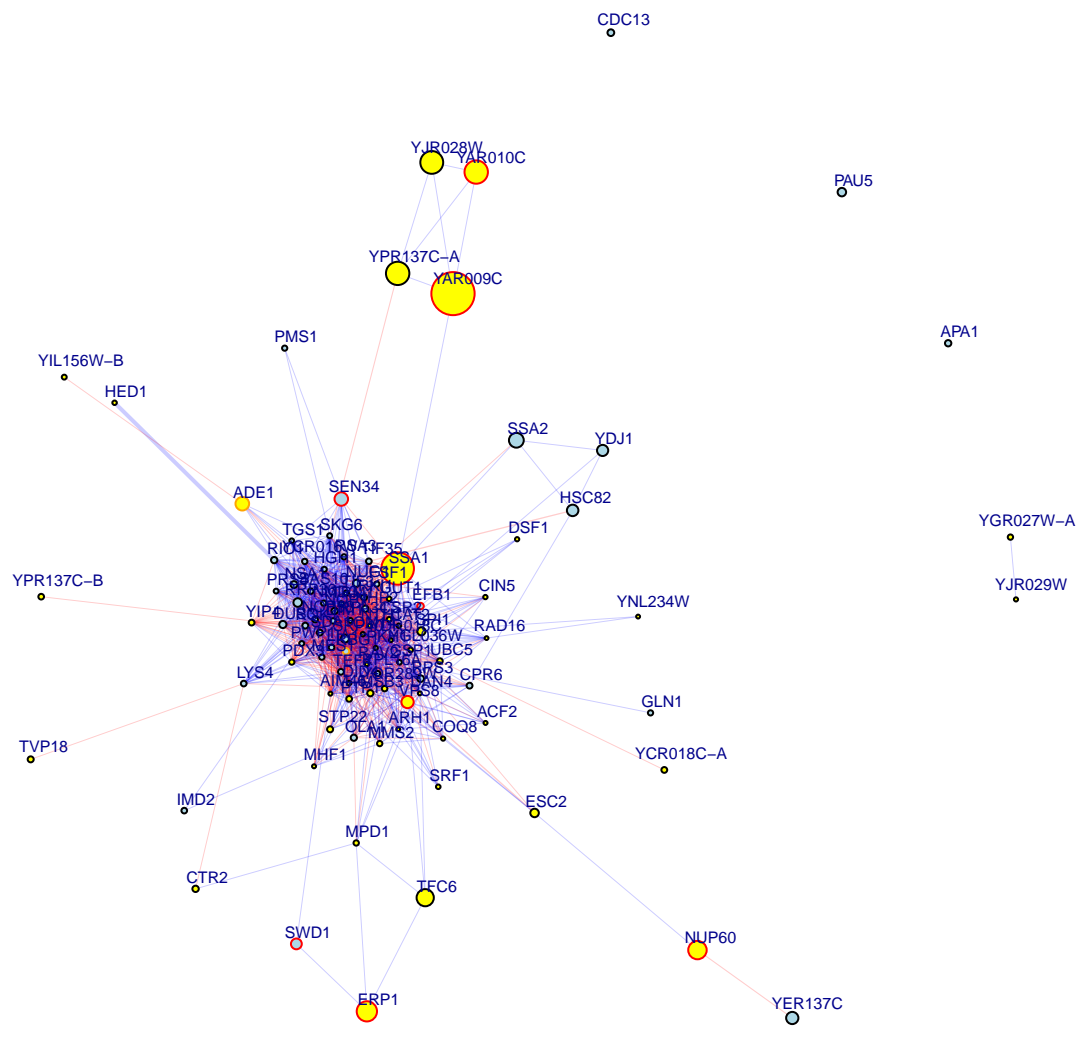
chr1:159467_G/A top 50 up genes



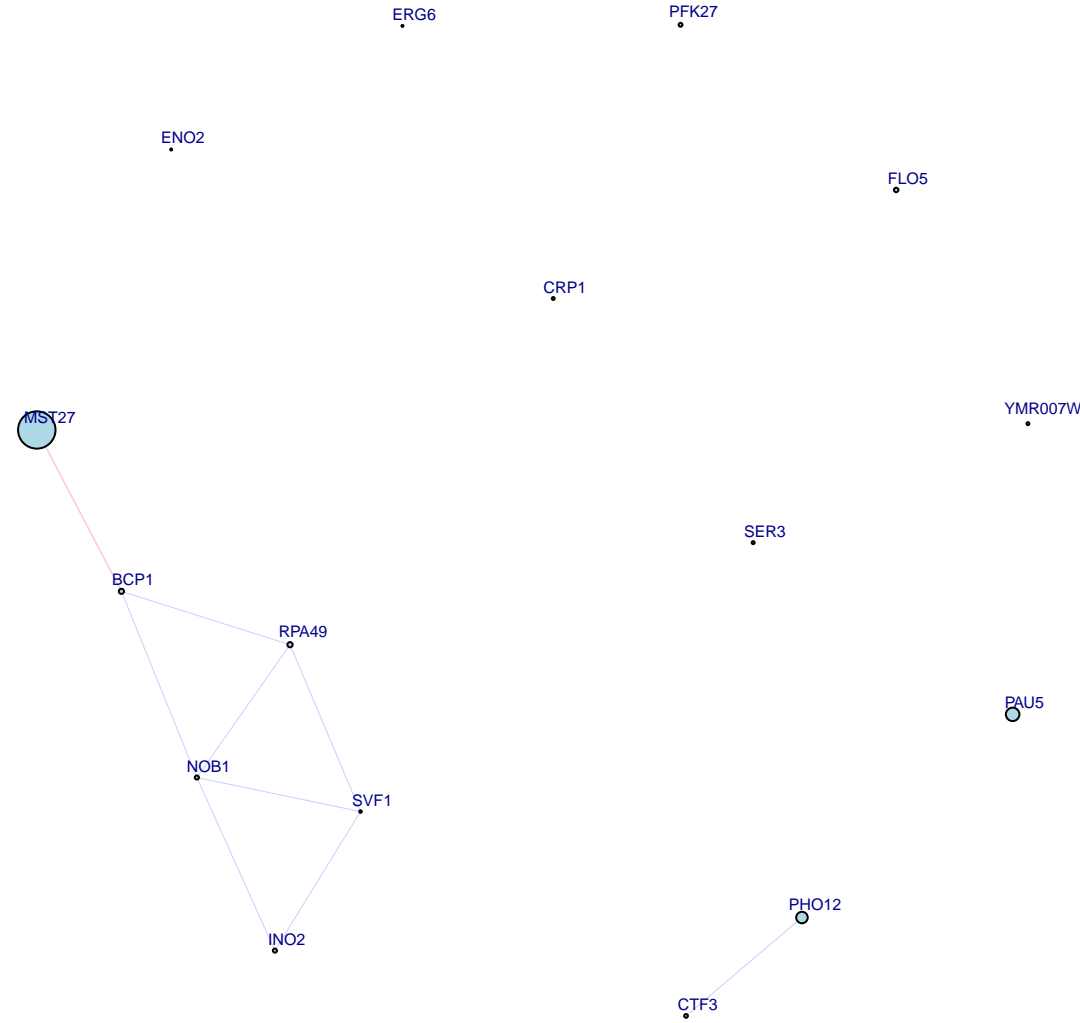
chr1:159467_G/A top 50 down genes



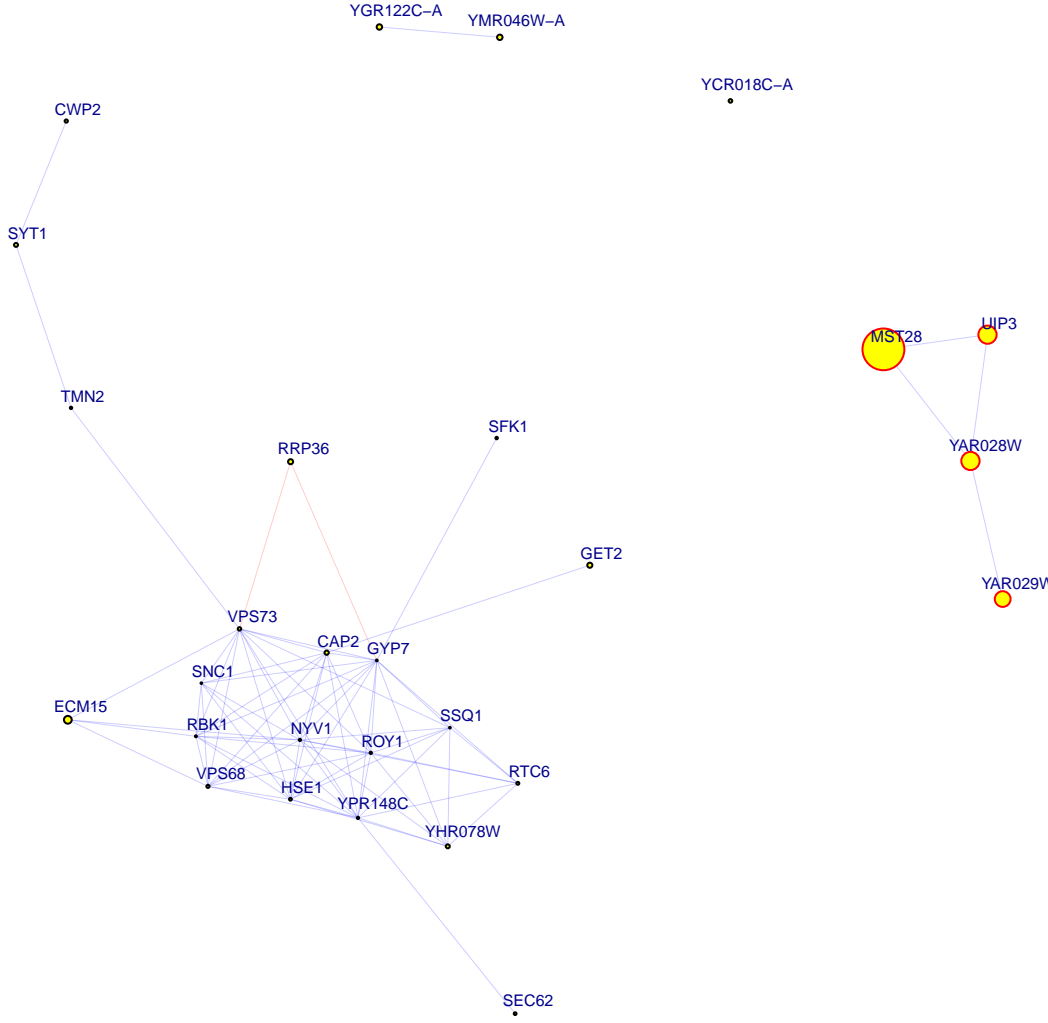
chr1:159467_G/A top 100 up and down genes



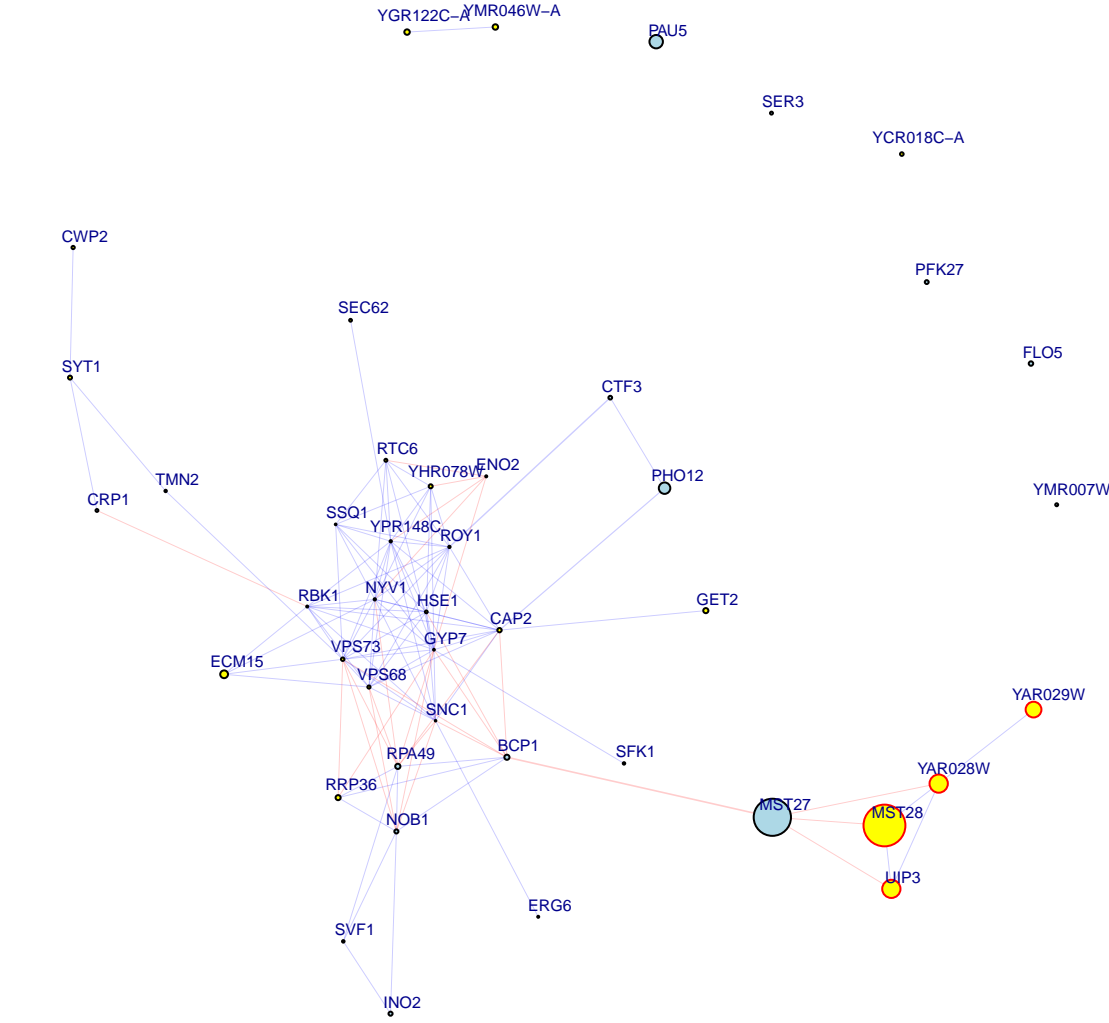
chr1:189123_C/T top 16 up genes



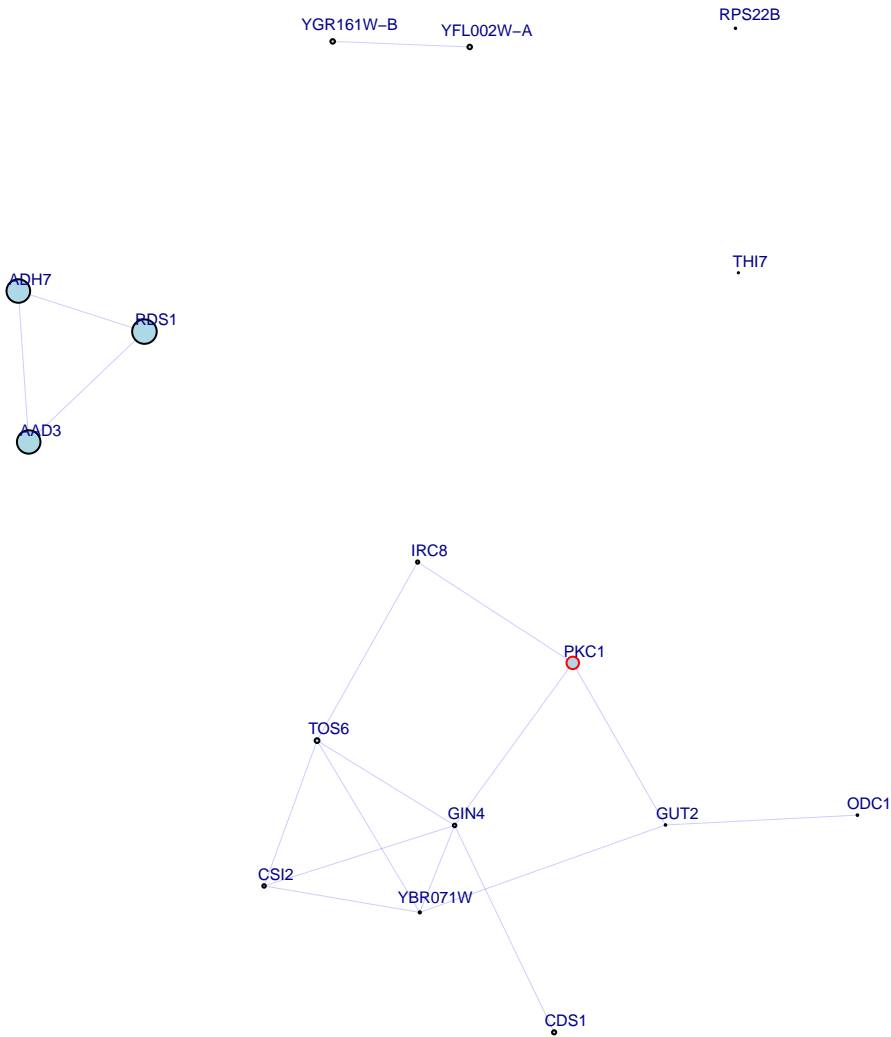
chr1:189123_C/T top 28 down genes



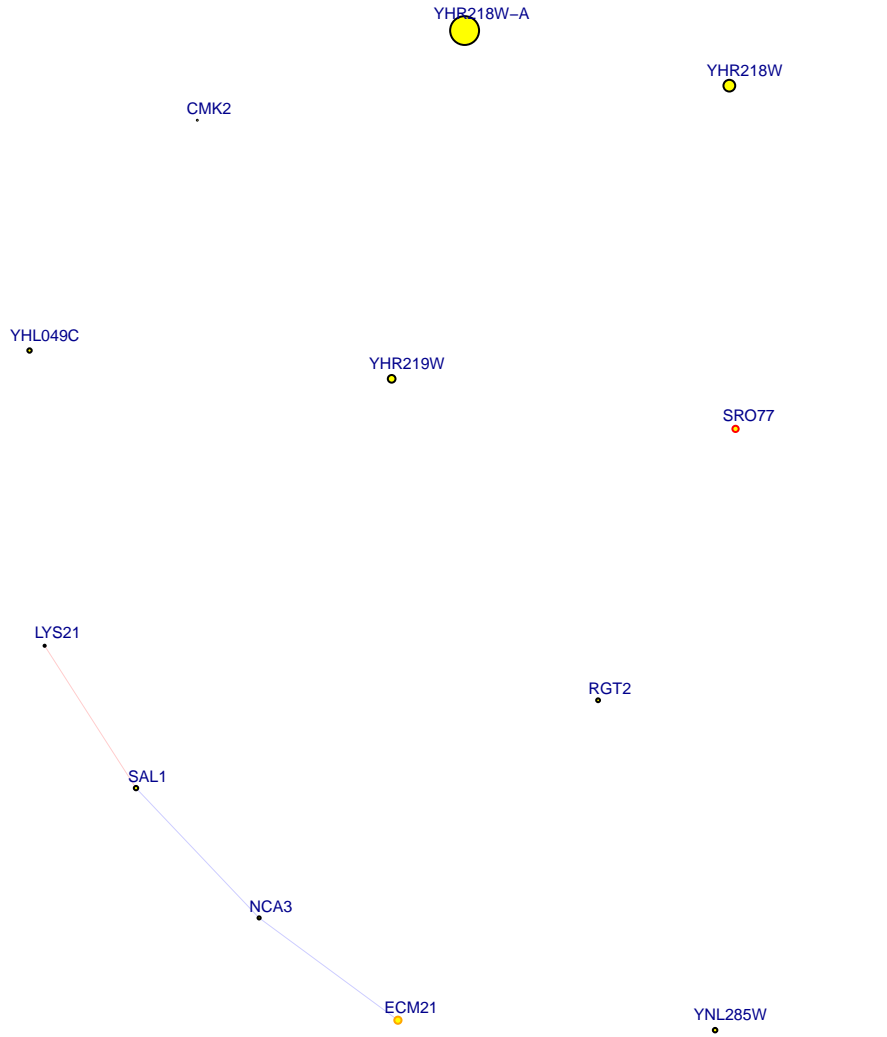
chr1:189123_C/T top 44 up and down genes



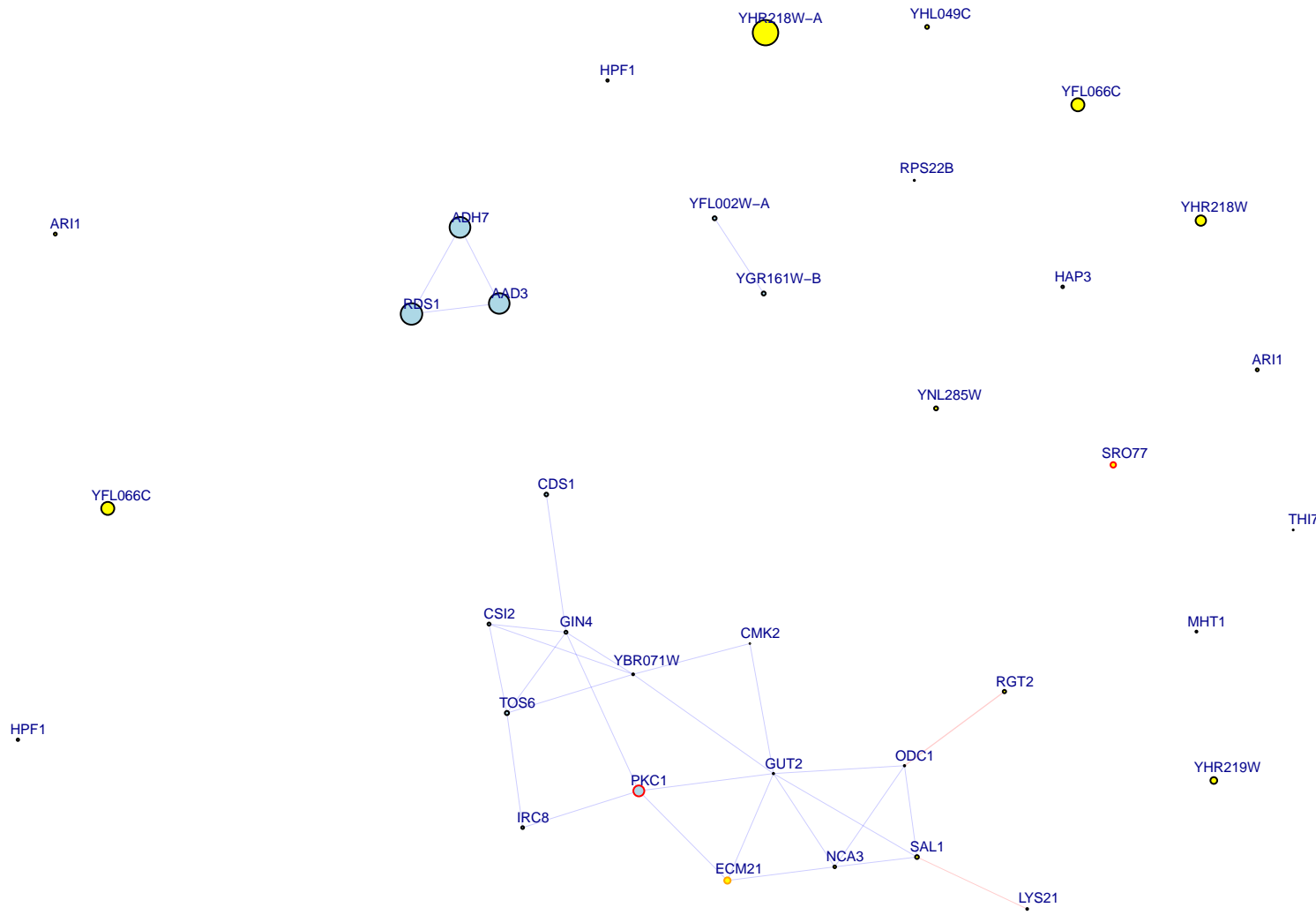
chrII:13061_G/T top 18 up genes



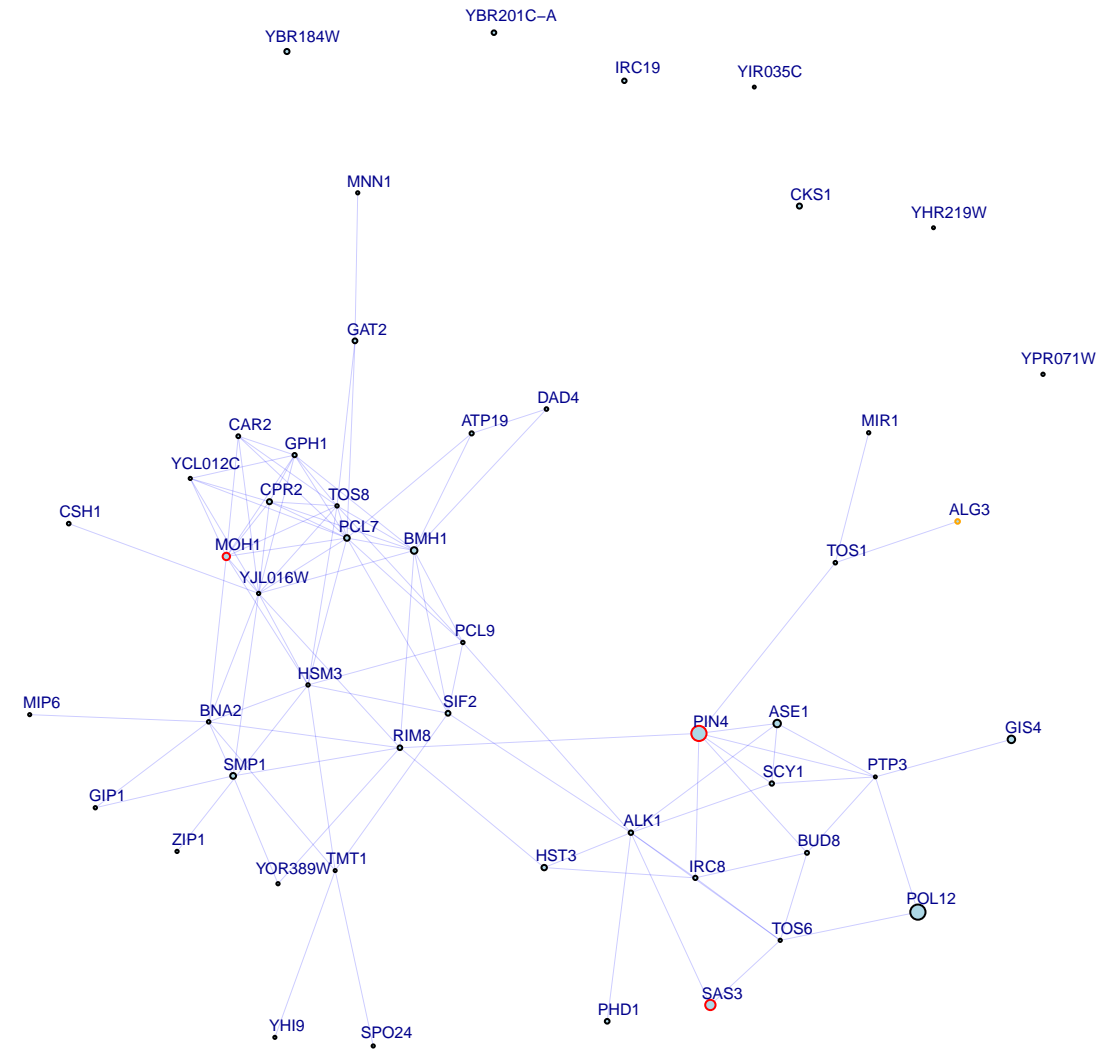
chrII:13061_G/T top 15 down genes



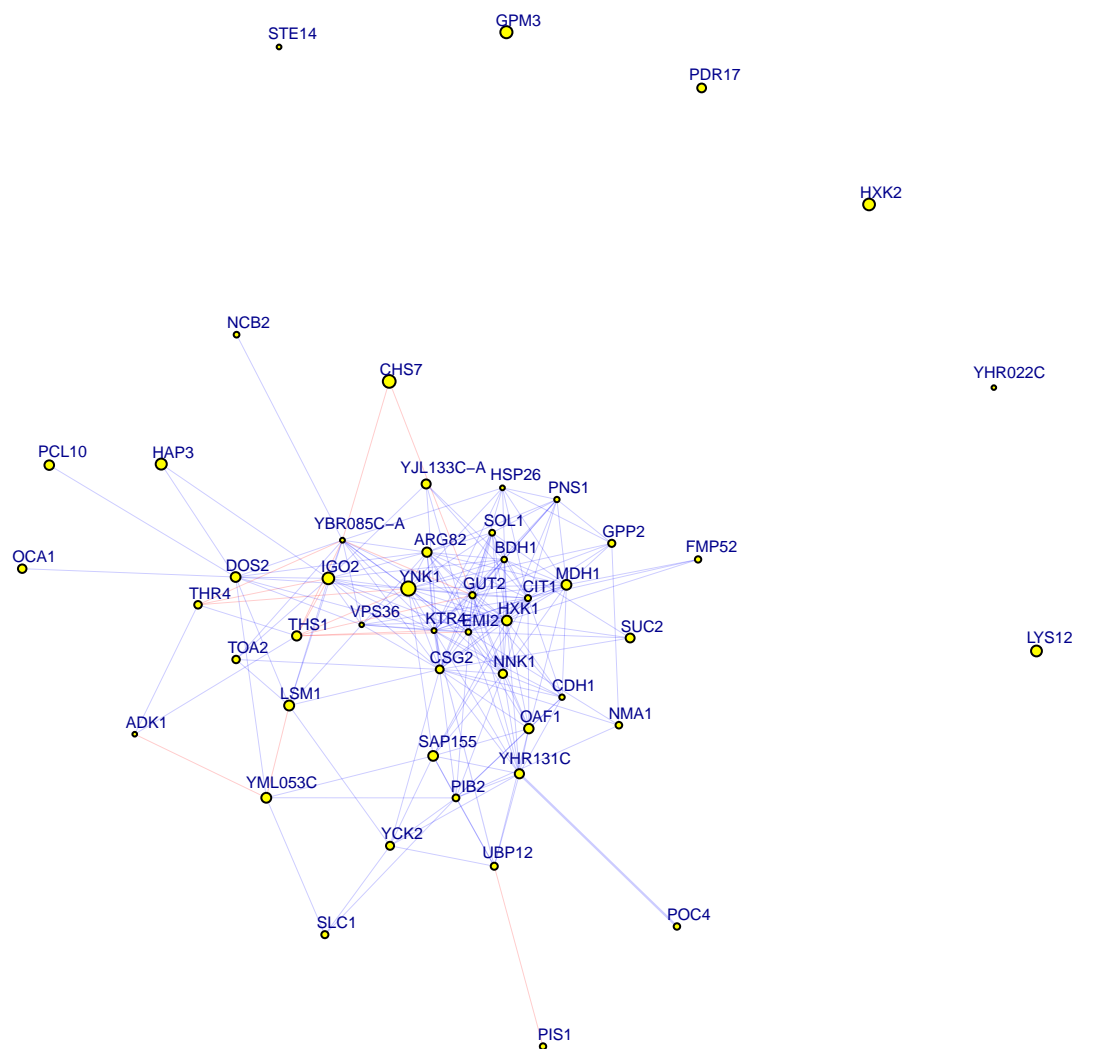
chrII:13061_G/T top 33 up and down genes



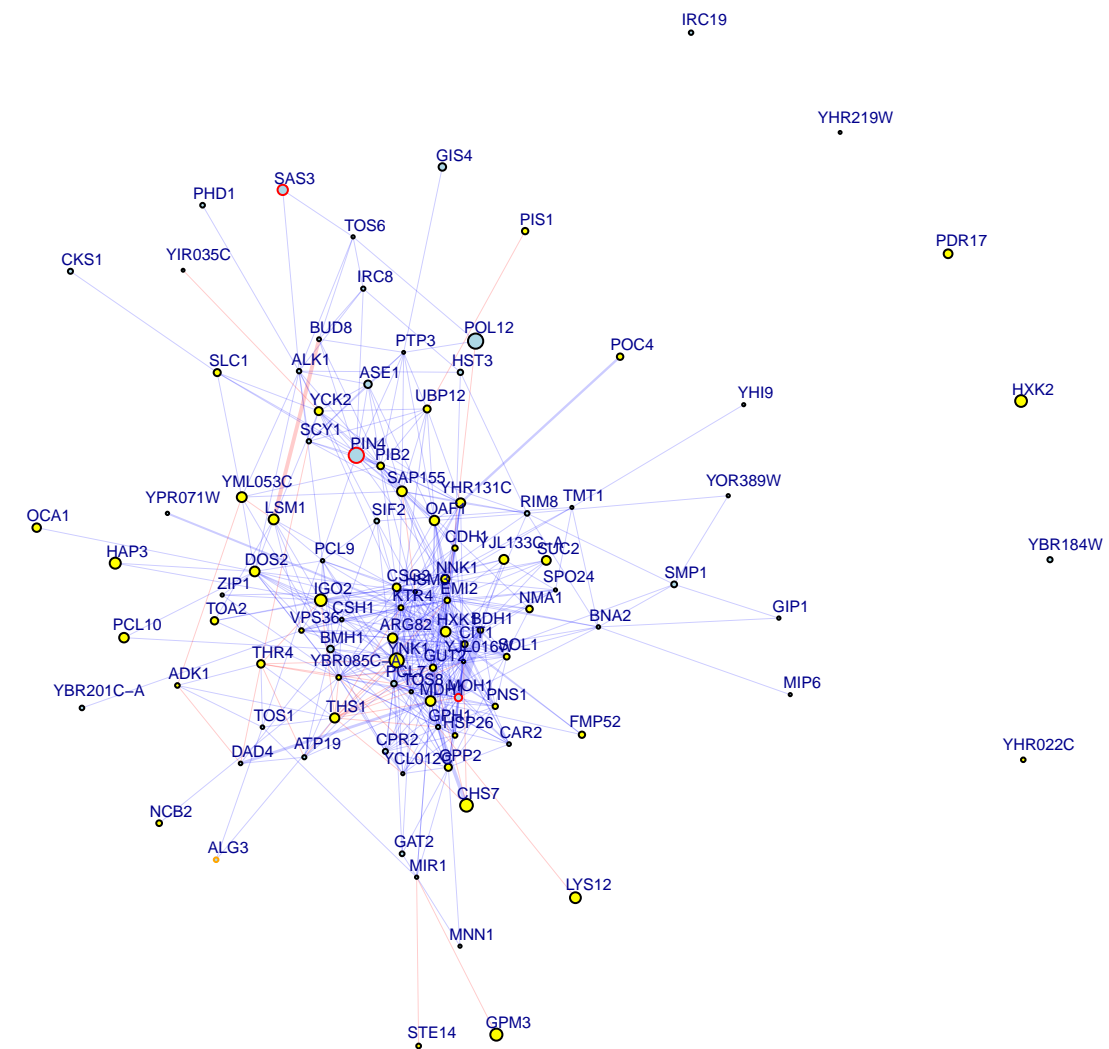
chrII:123764_G/A top 50 up genes



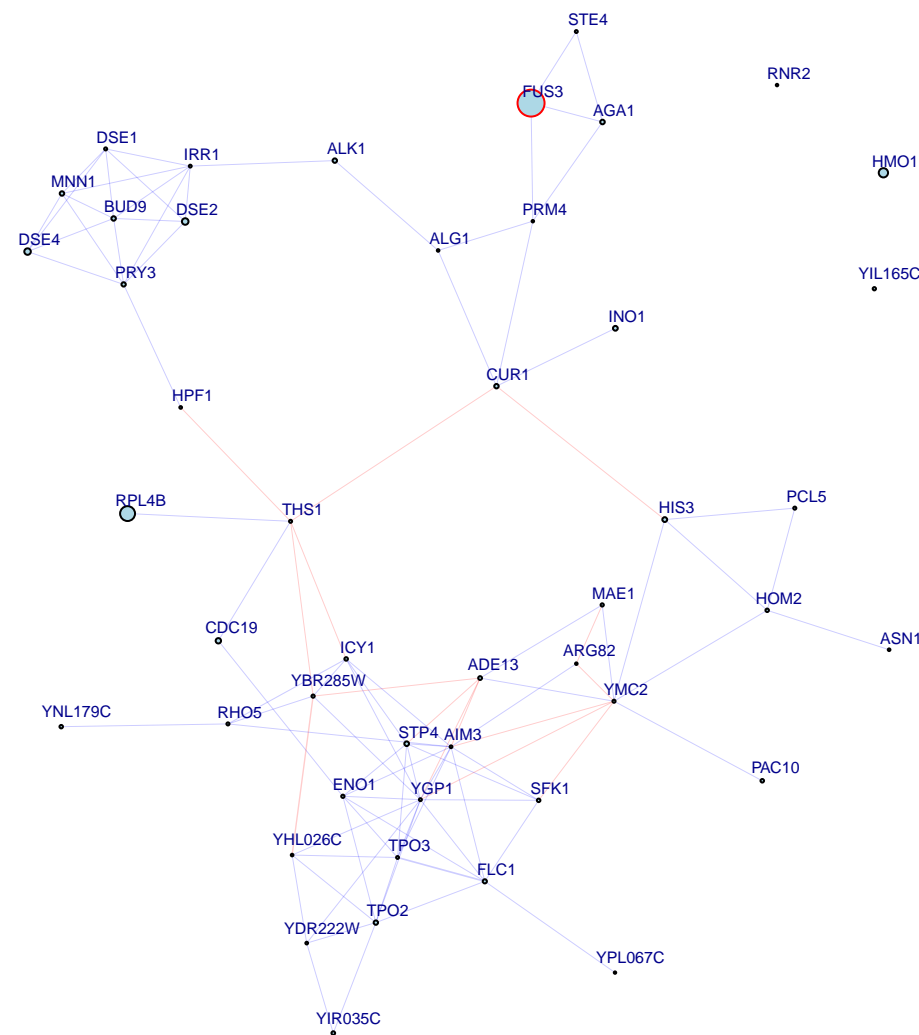
chrII:123764_G/A top 50 down genes



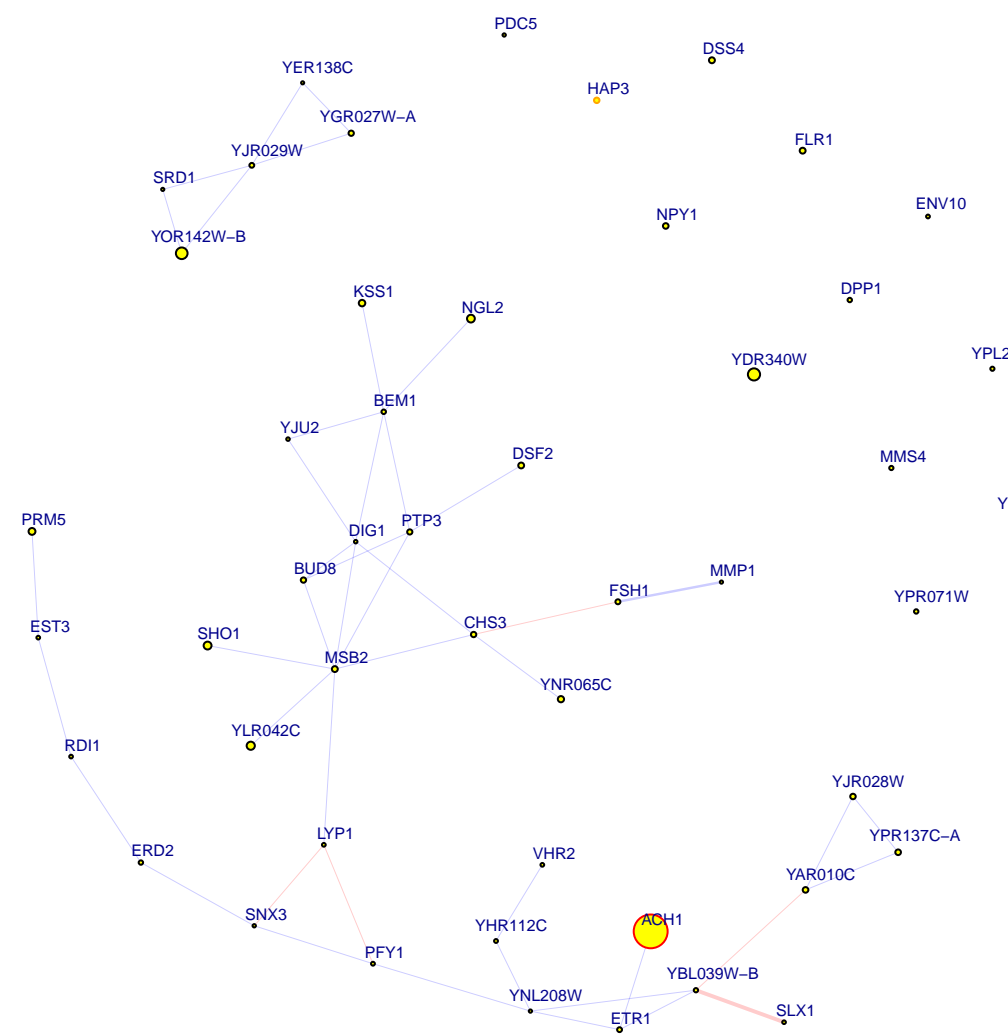
chrII:123764_G/A top 100 up and down genes



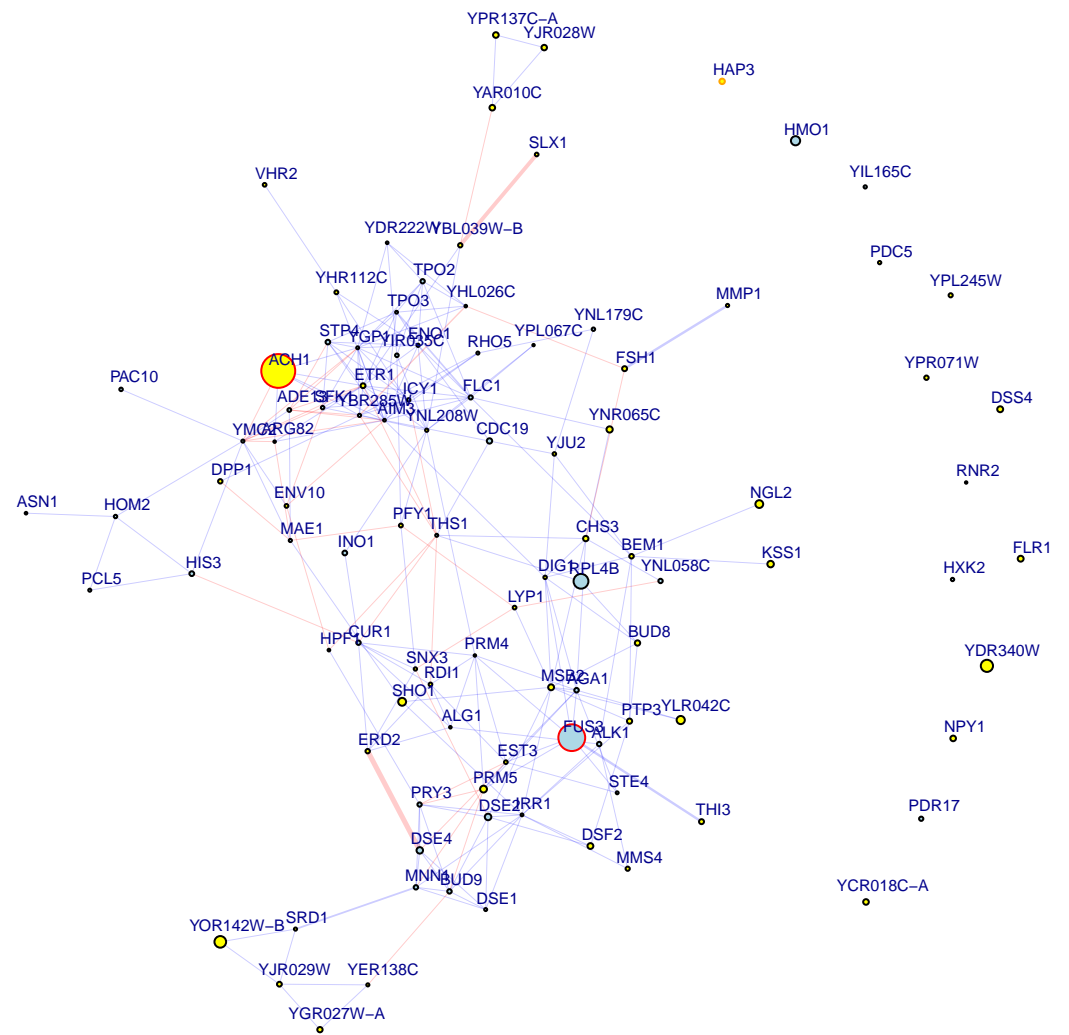
chrII:195177_T/A top 50 up genes



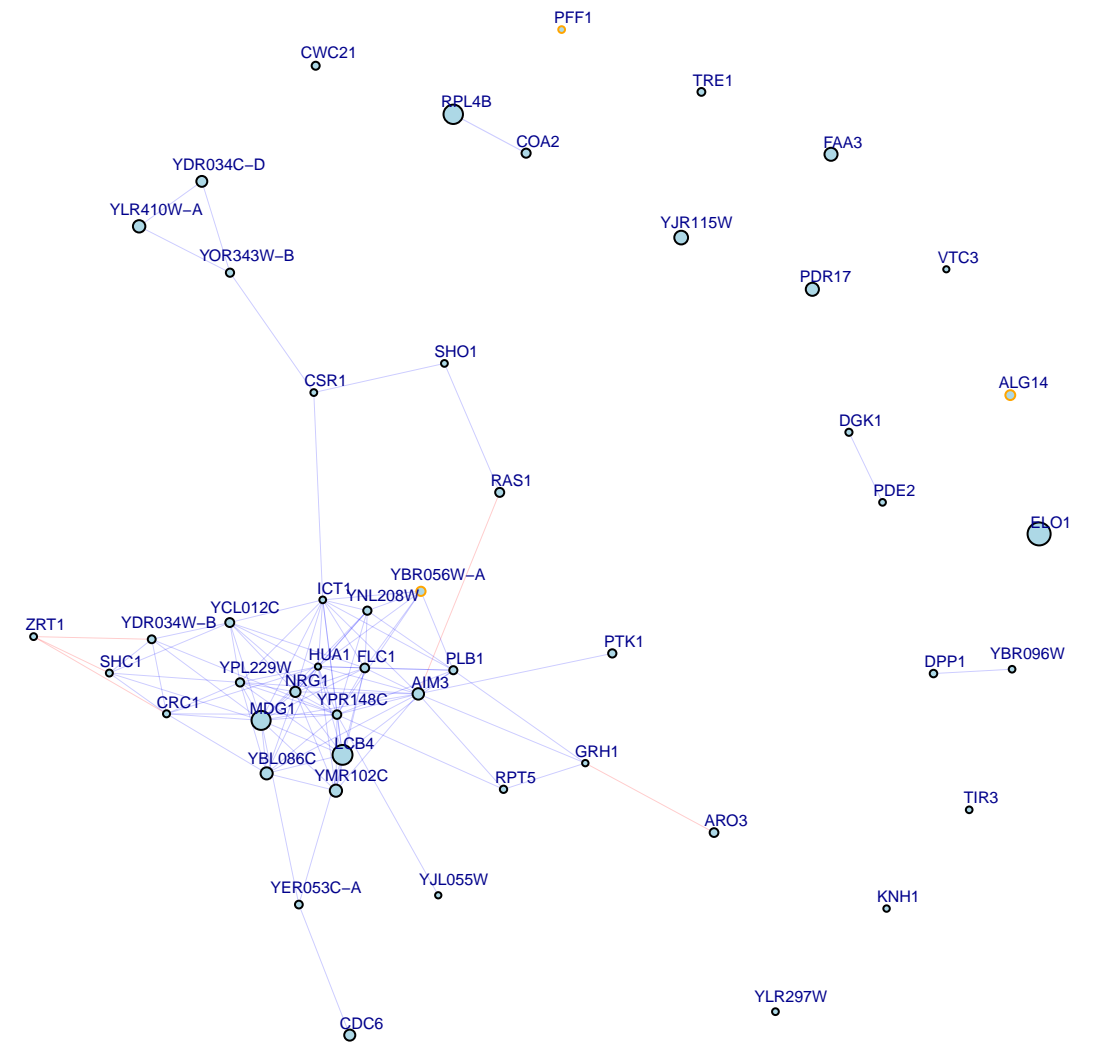
chrII:195177_T/A top 50 down genes



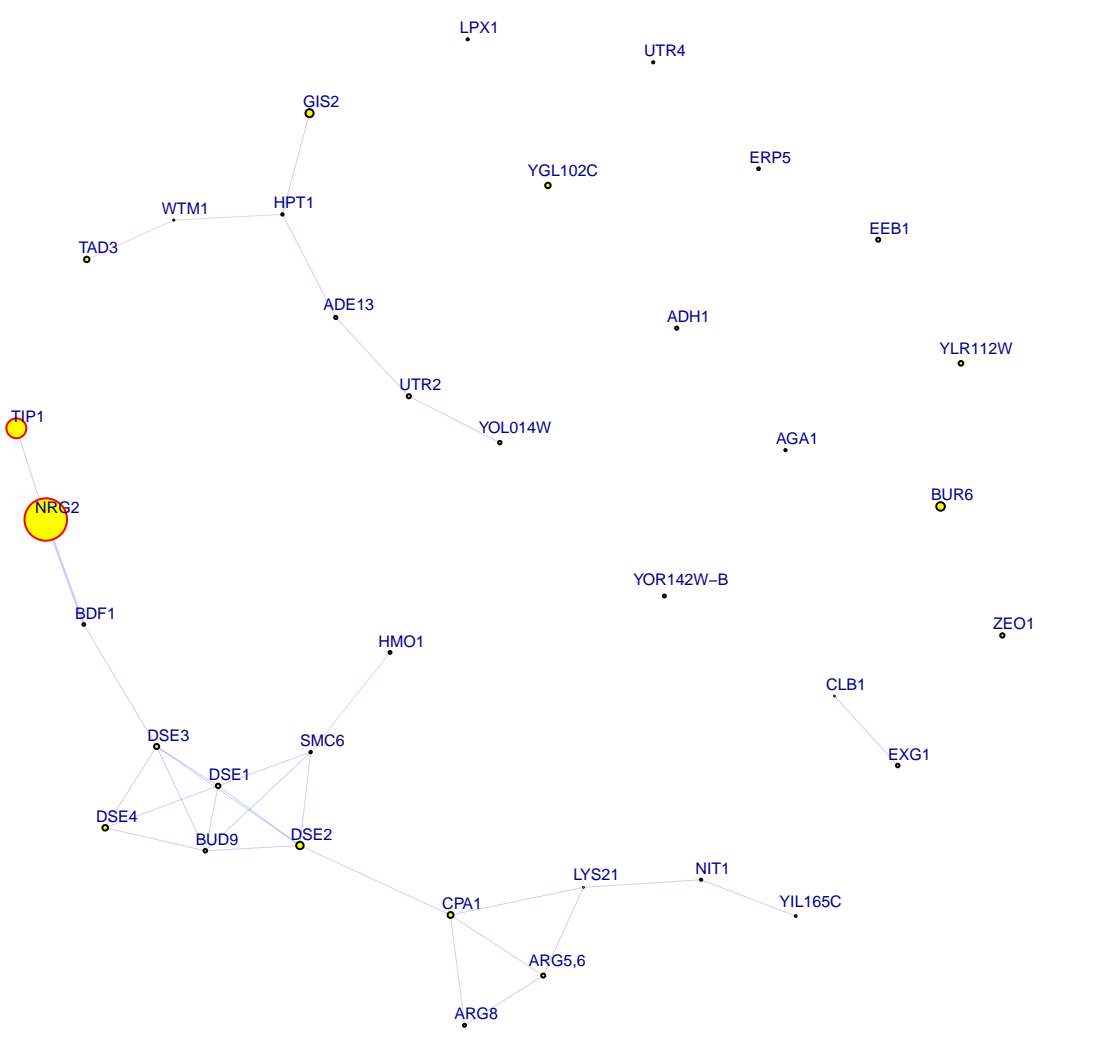
chrII:195177_T/A top 100 up and down genes



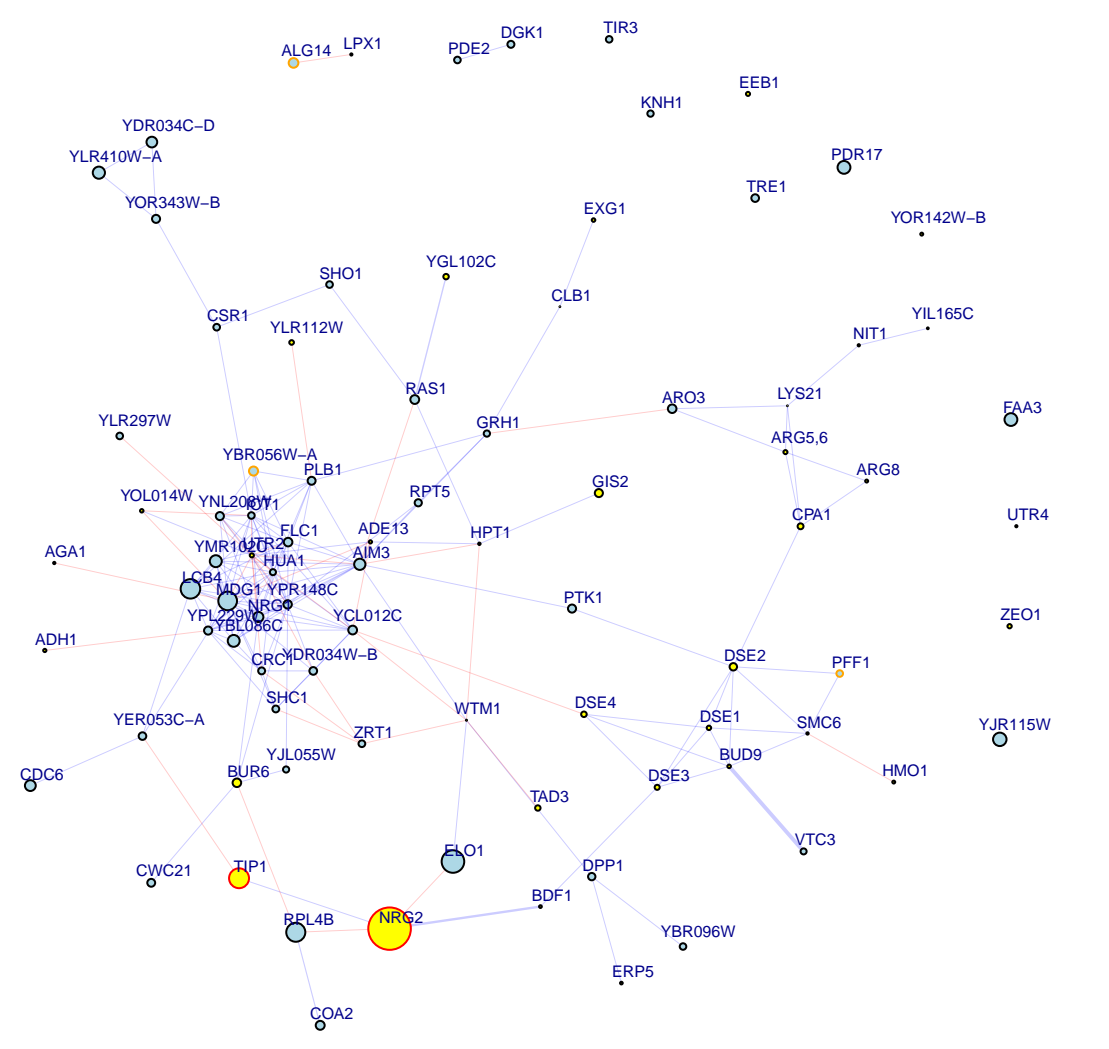
chrII:370967_C/T top 50 up genes



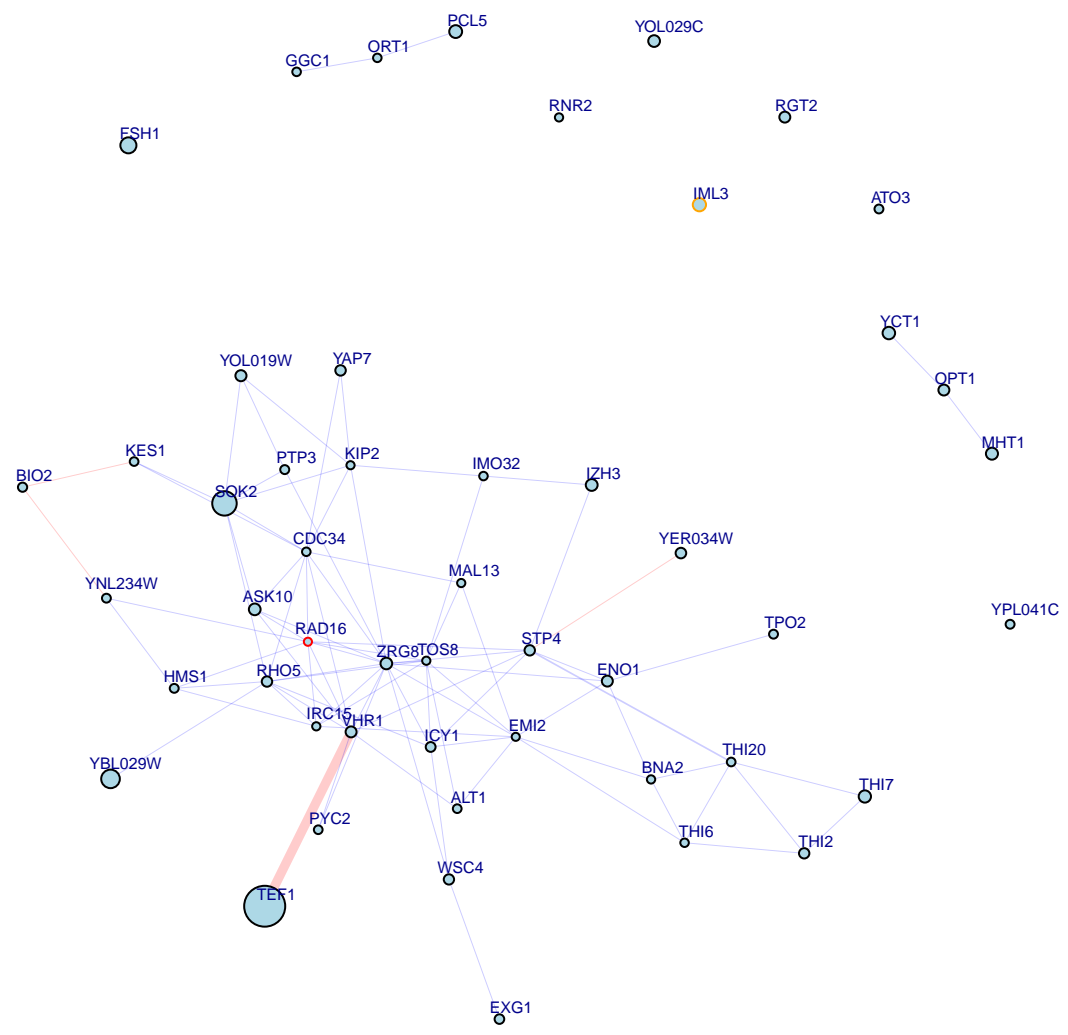
chrII:370967_C/T top 36 down genes



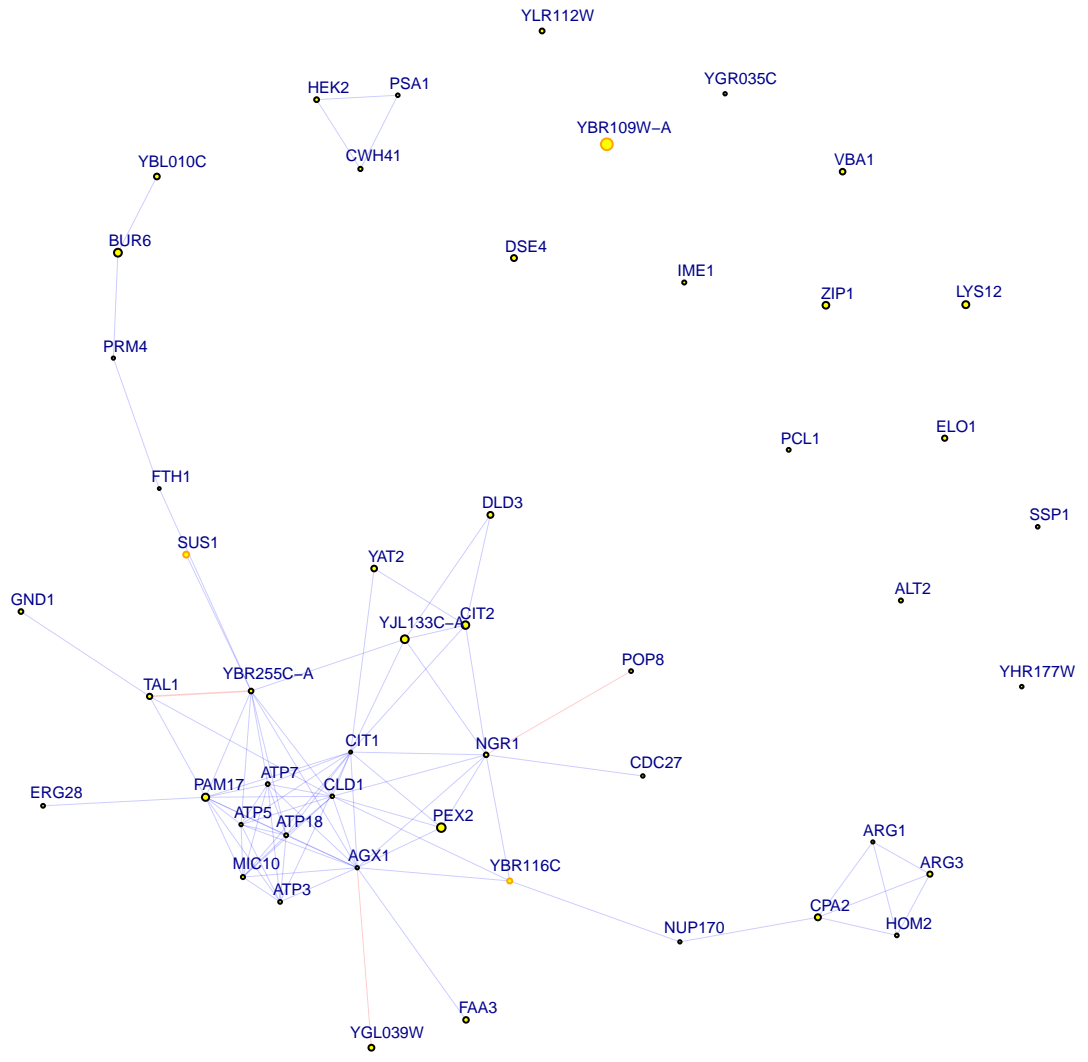
chrII:370967_C/T top 86 up and down genes



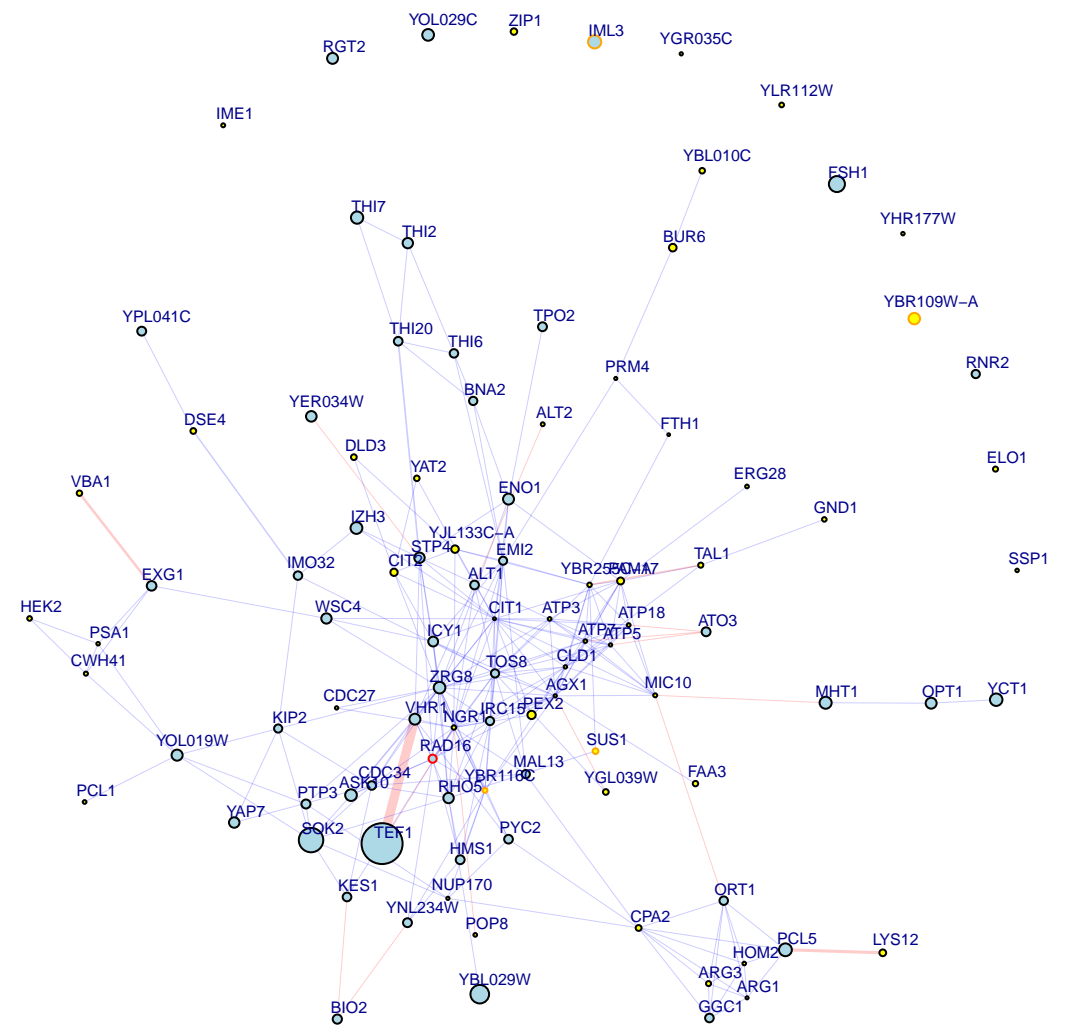
chrII:464478_G/A top 50 up genes



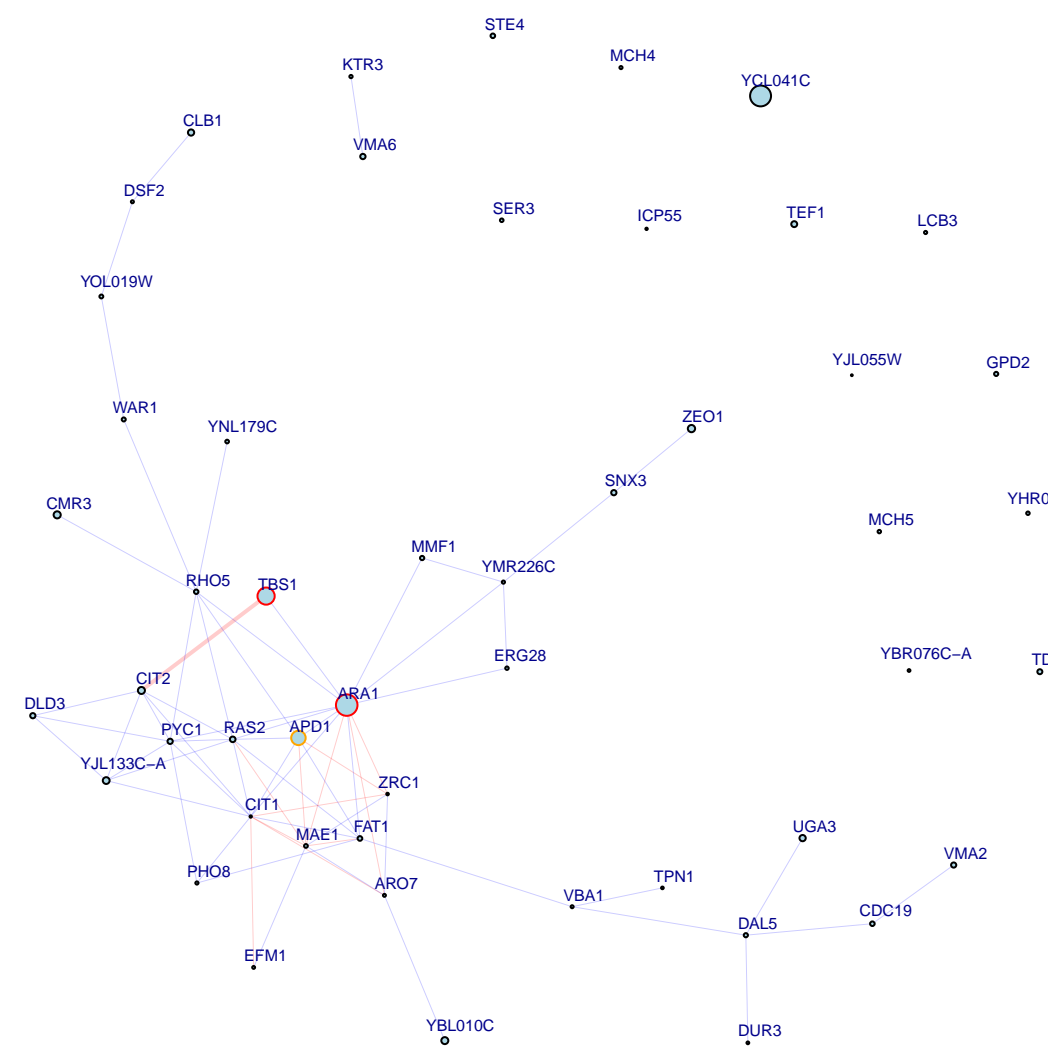
chrII:464478_G/A top 50 down genes



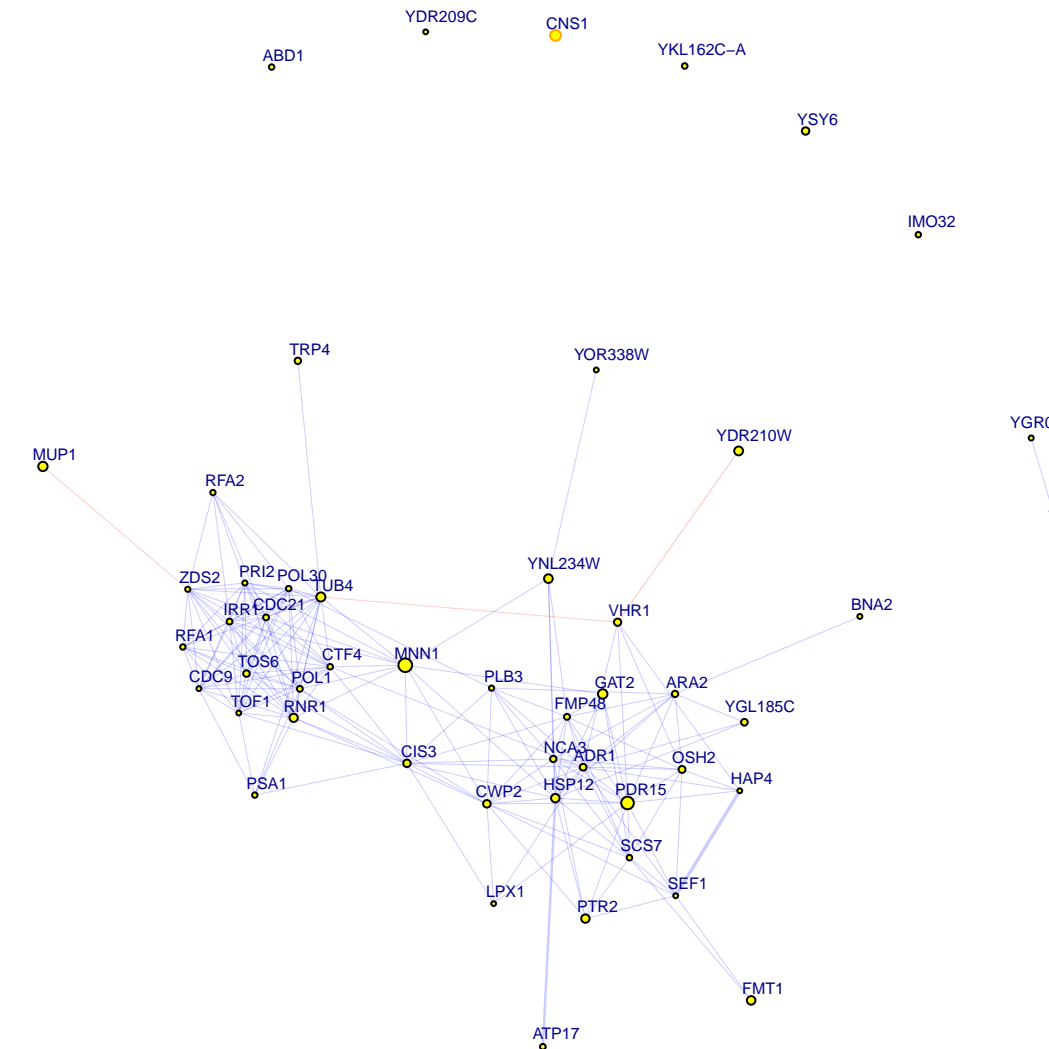
chrII:464478_G/A top 100 up and down genes



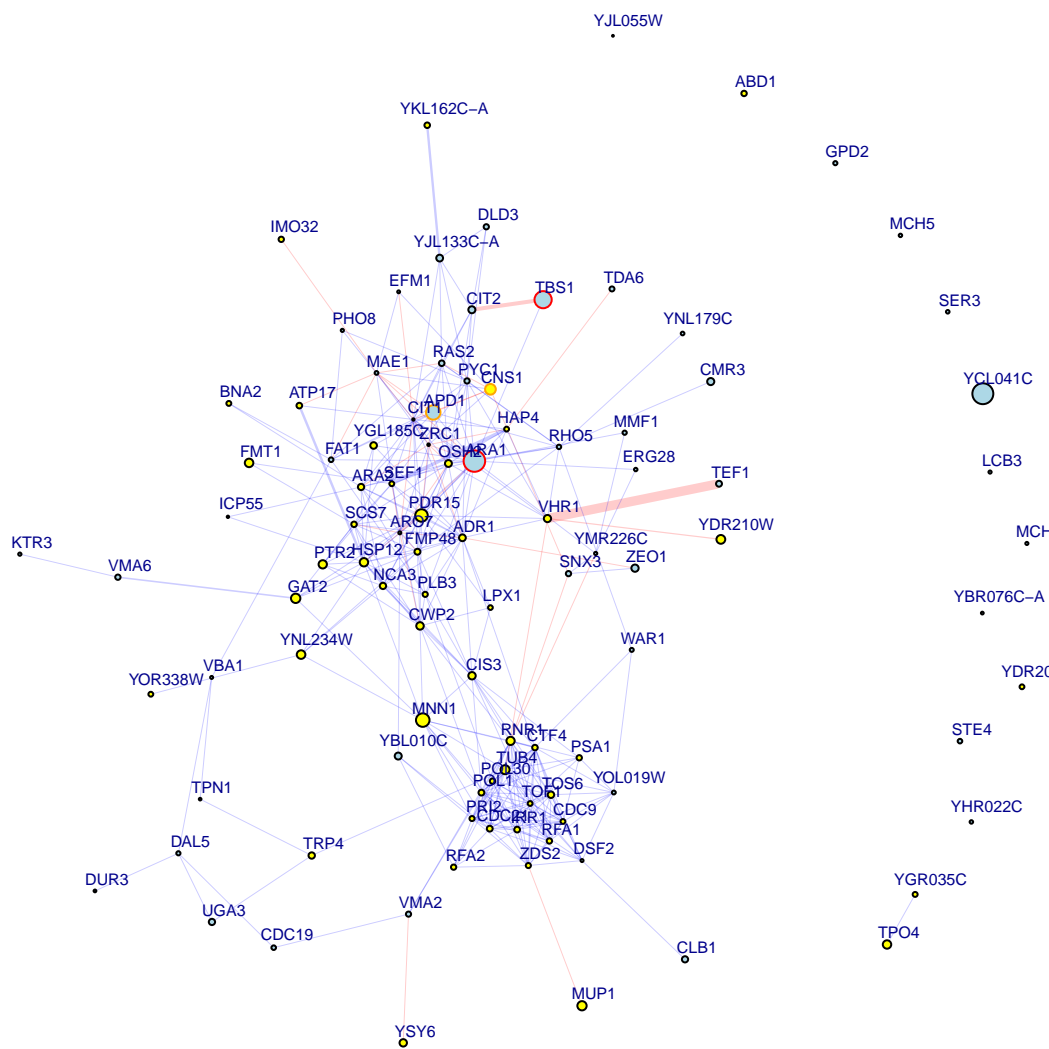
chrII:541139_G/A top 50 up genes



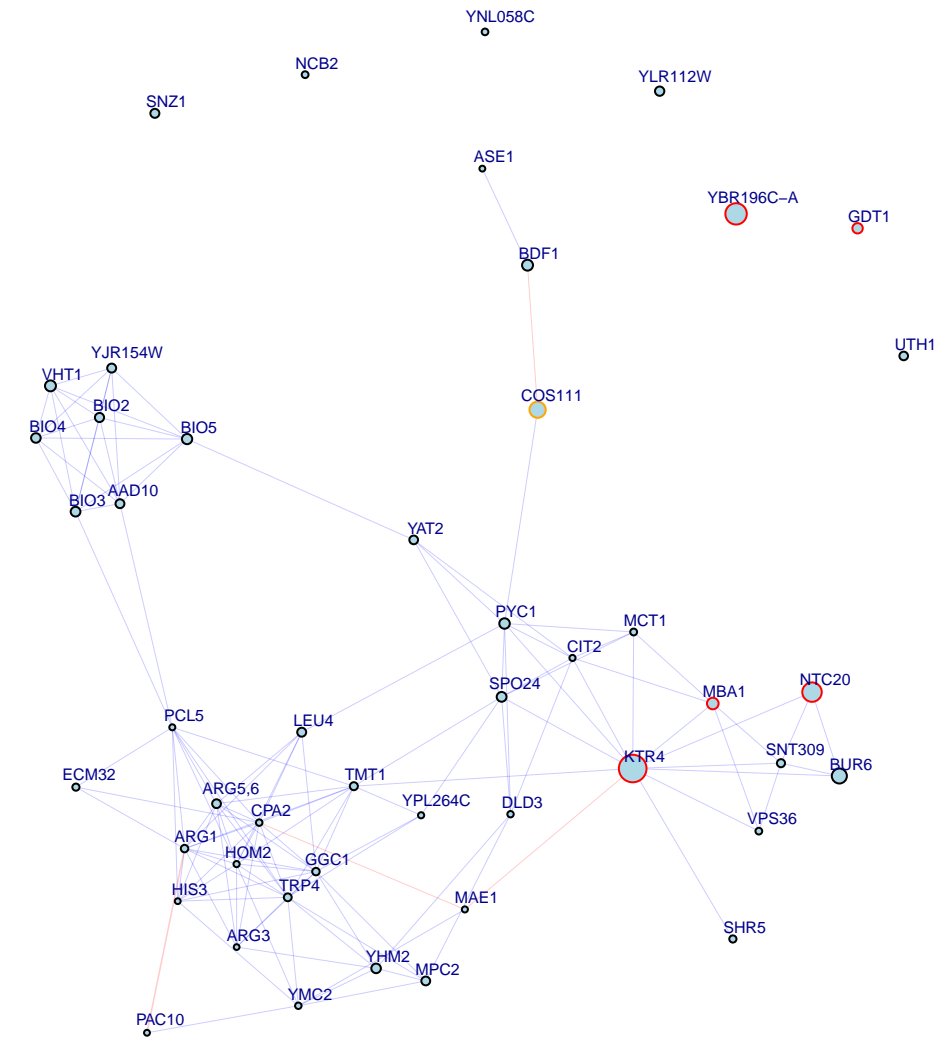
chrII:541139_G/A top 50 down genes



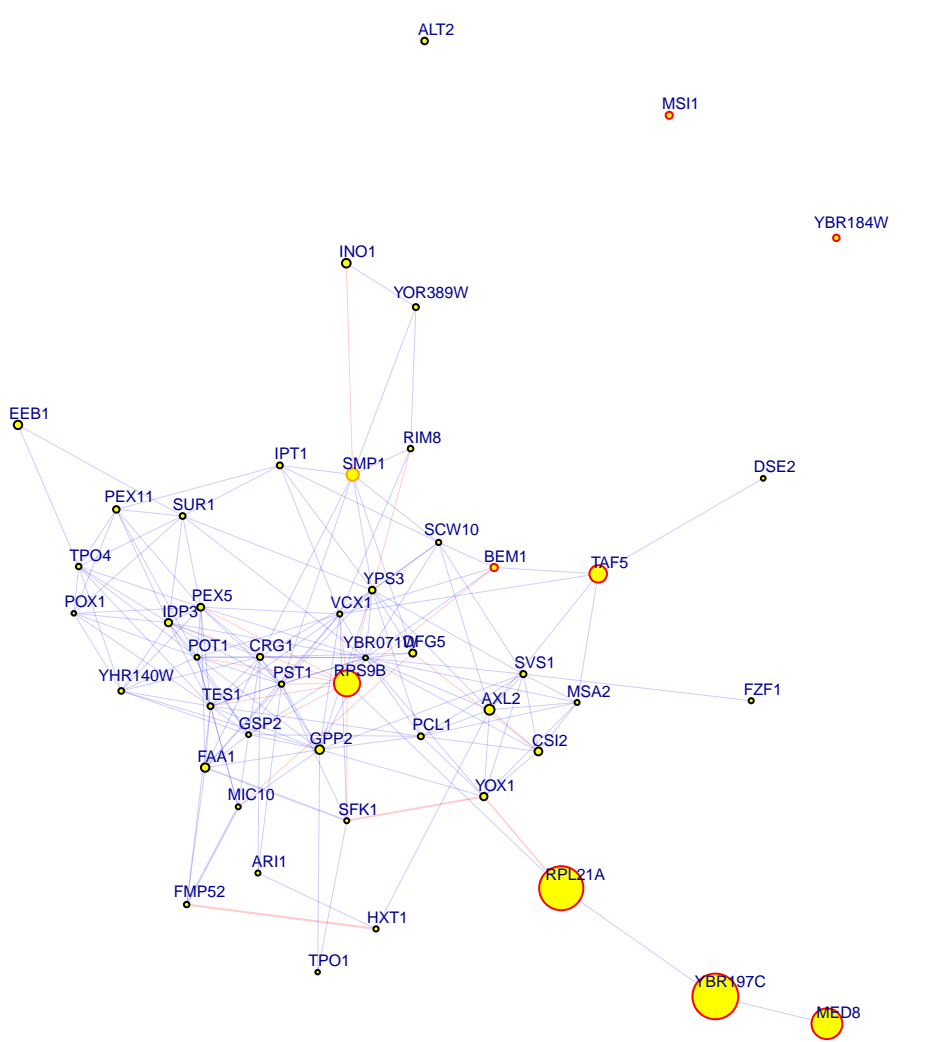
chrII:541139_G/A top 100 up and down genes



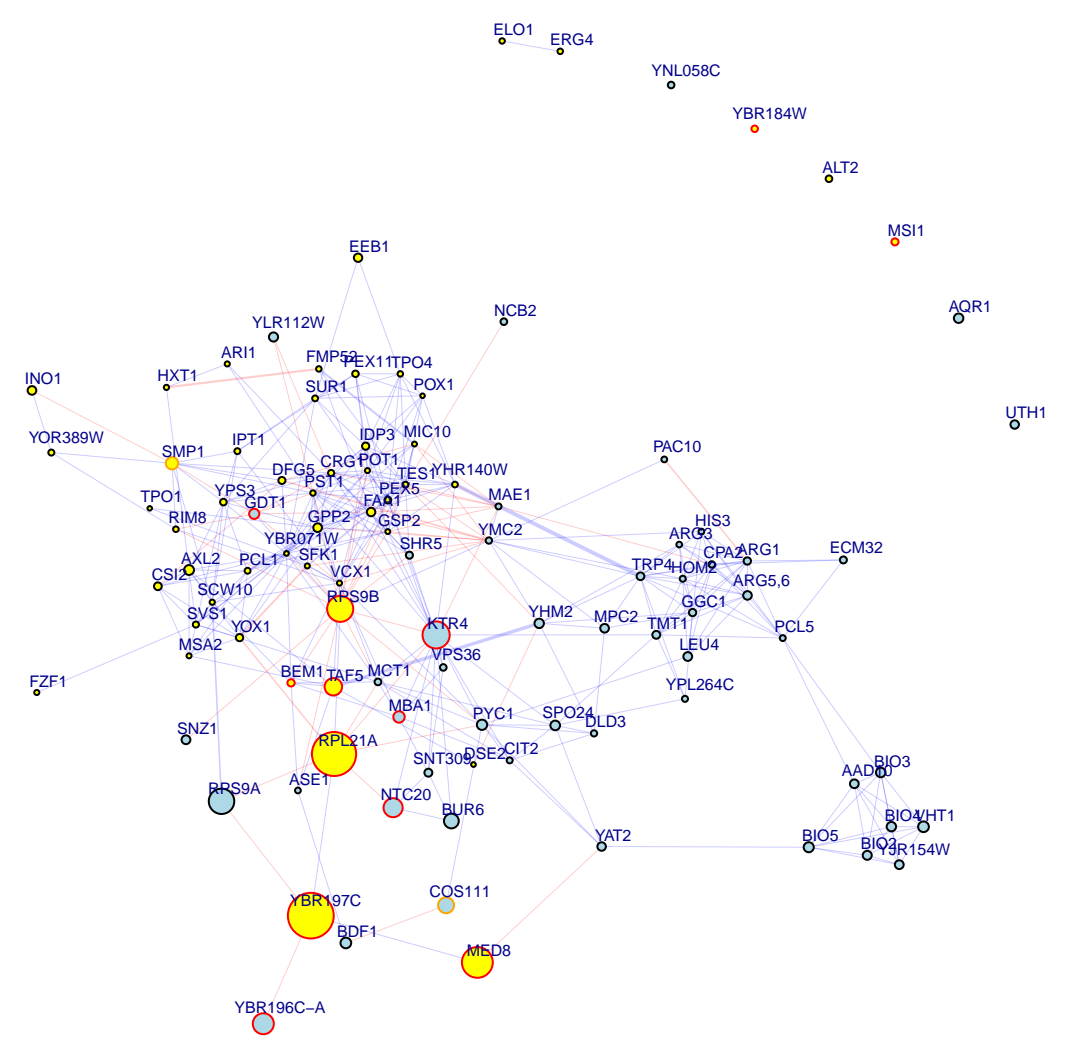
chrII:619028_C/A top 50 up genes



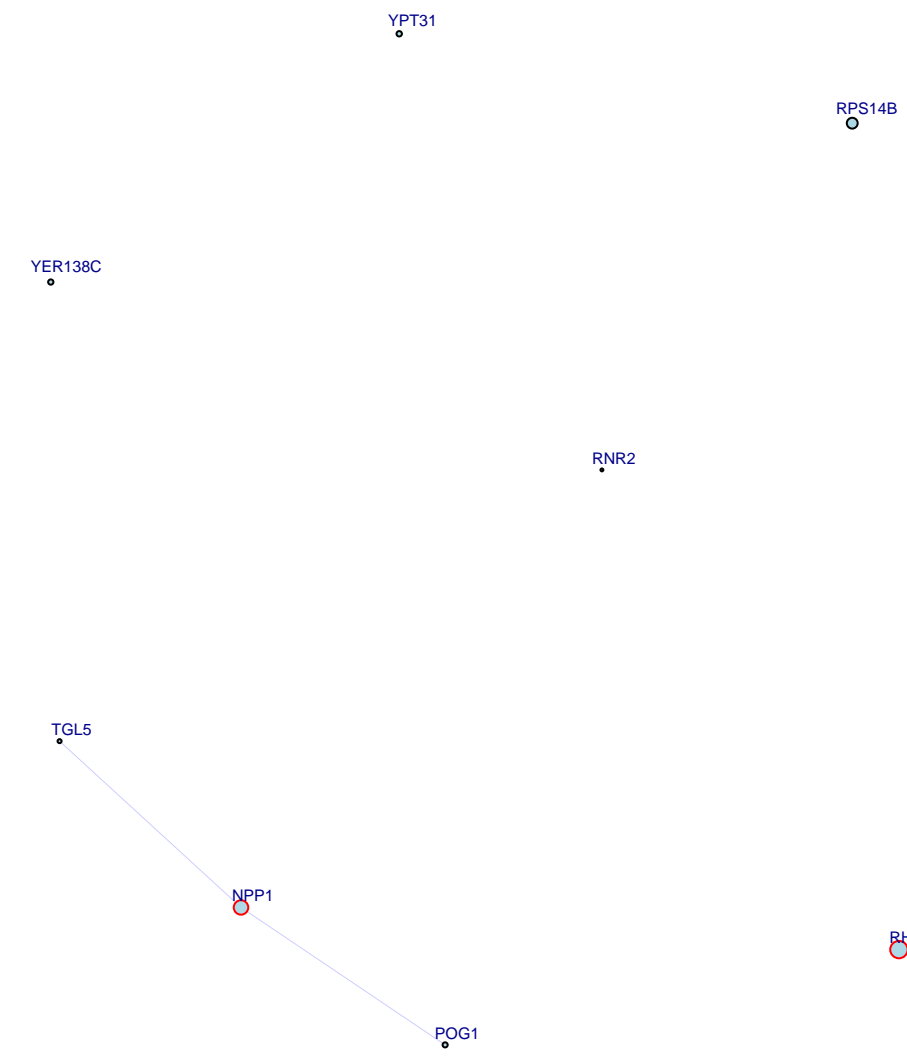
chrII:619028_C/A top 50 down genes



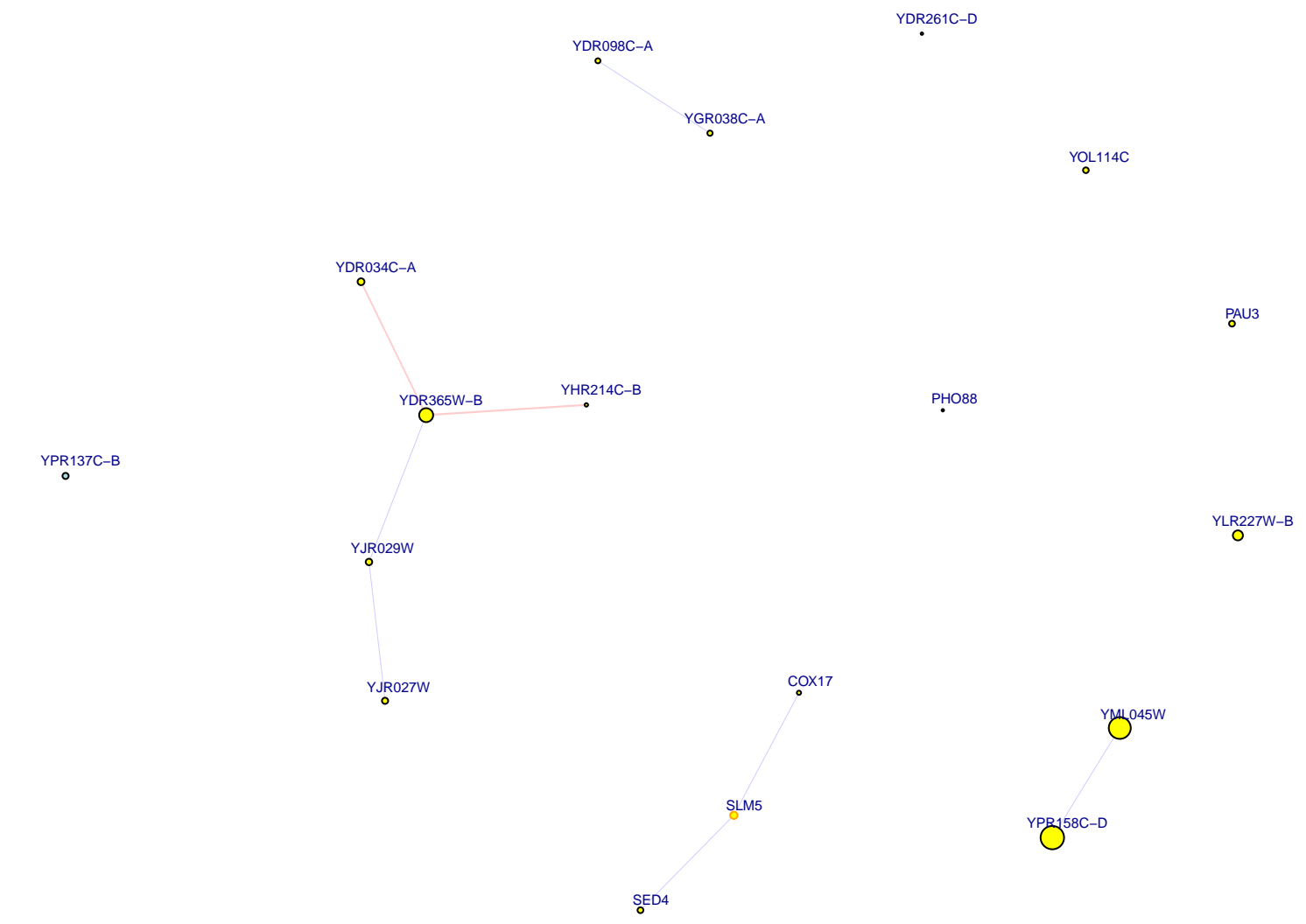
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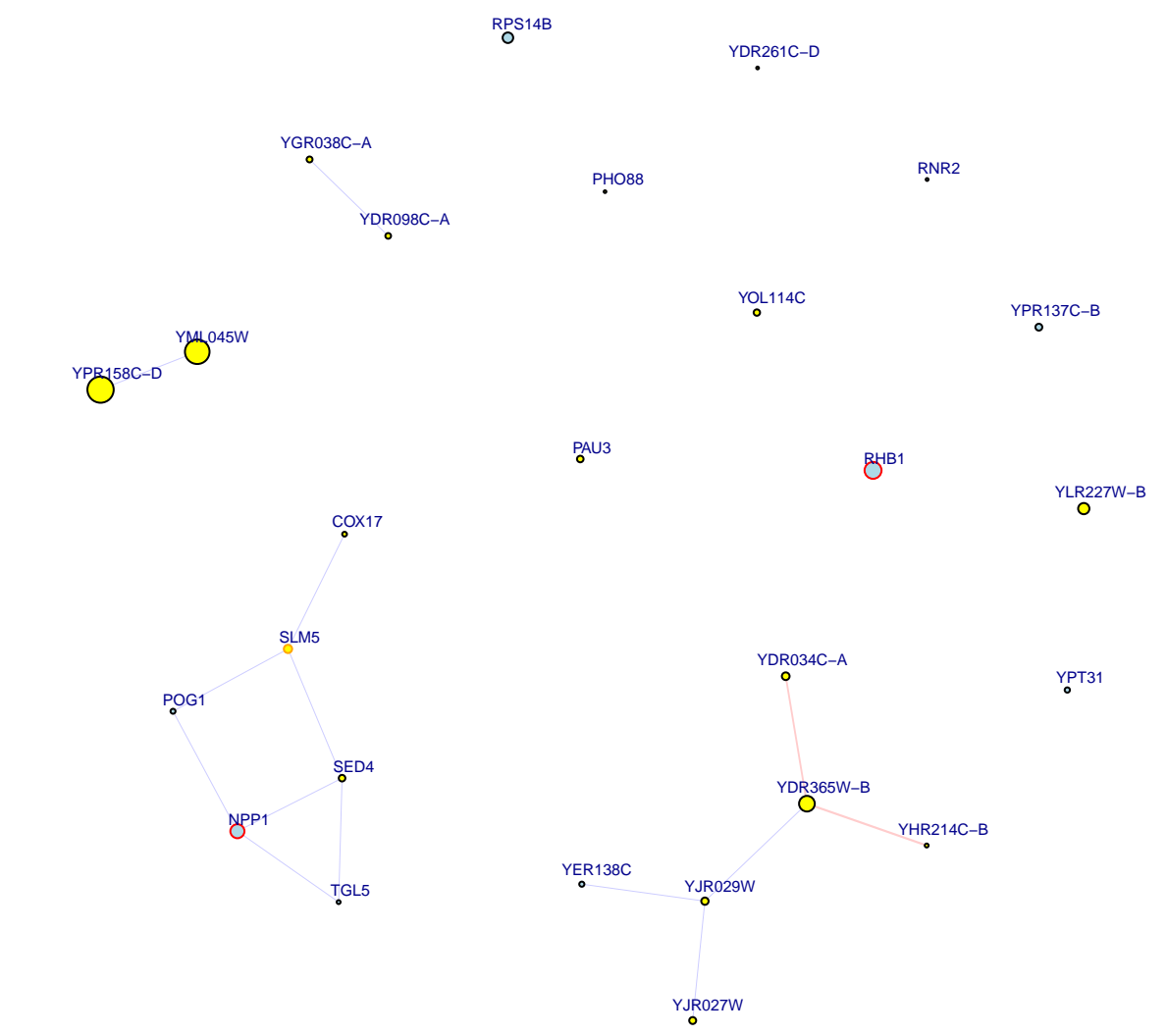
chrIII:166390_G/C top 9 up genes



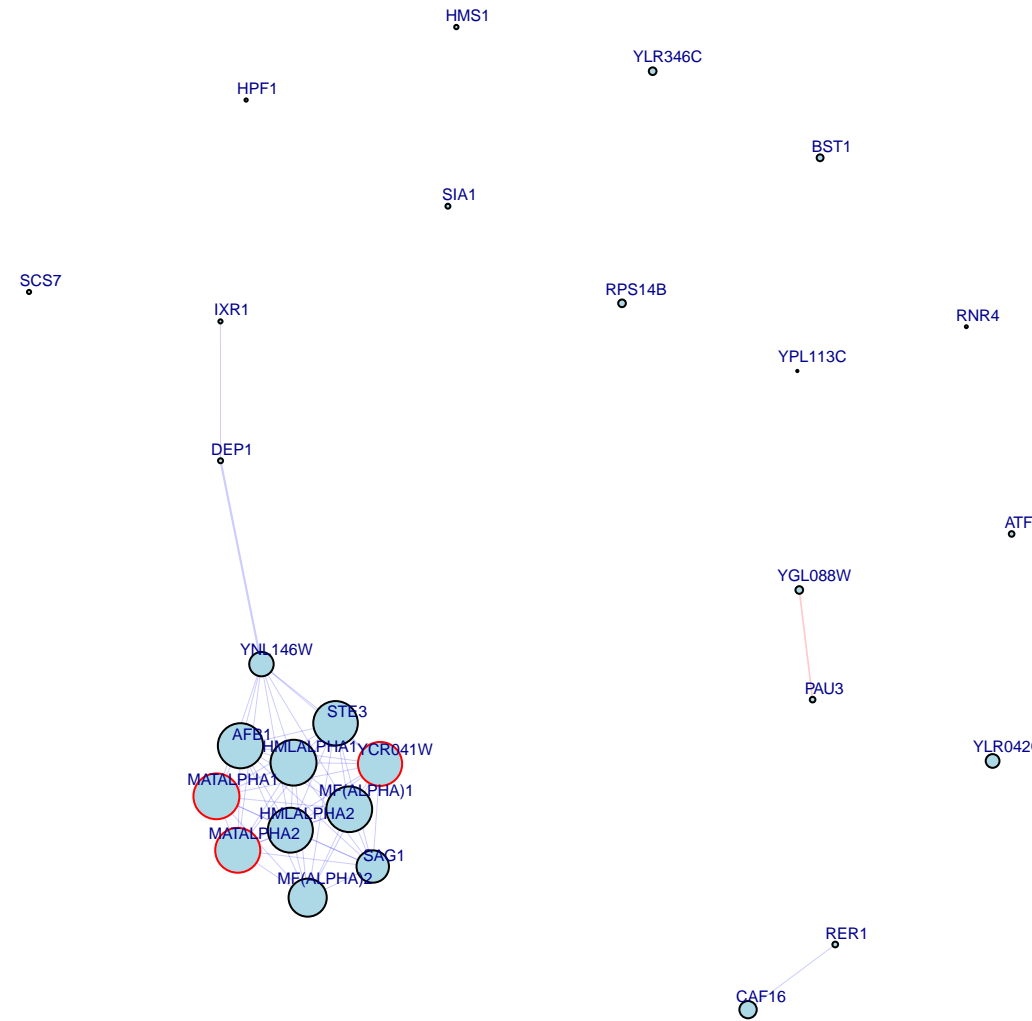
chrIII:166390_G/C top 17 down genes



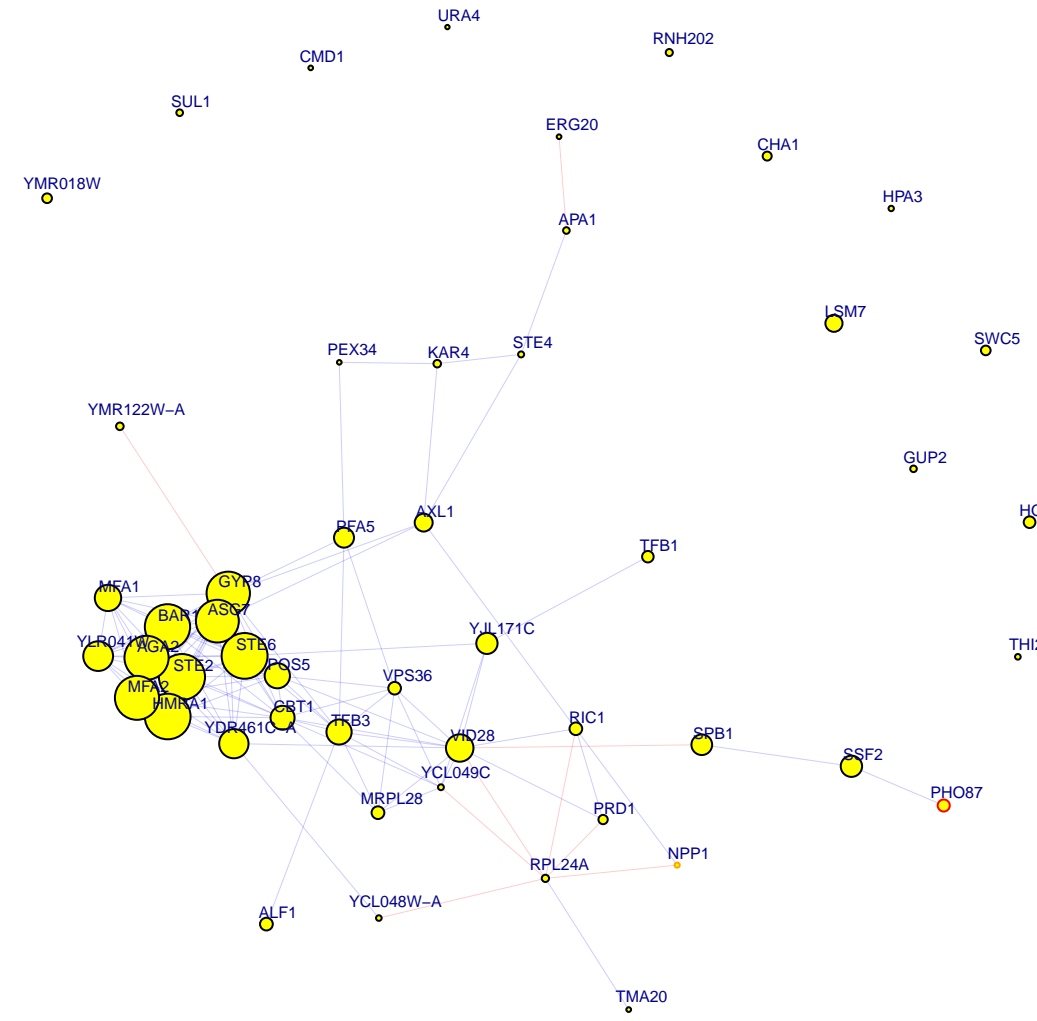
chrIII:166390_G/C top 26 up and down genes



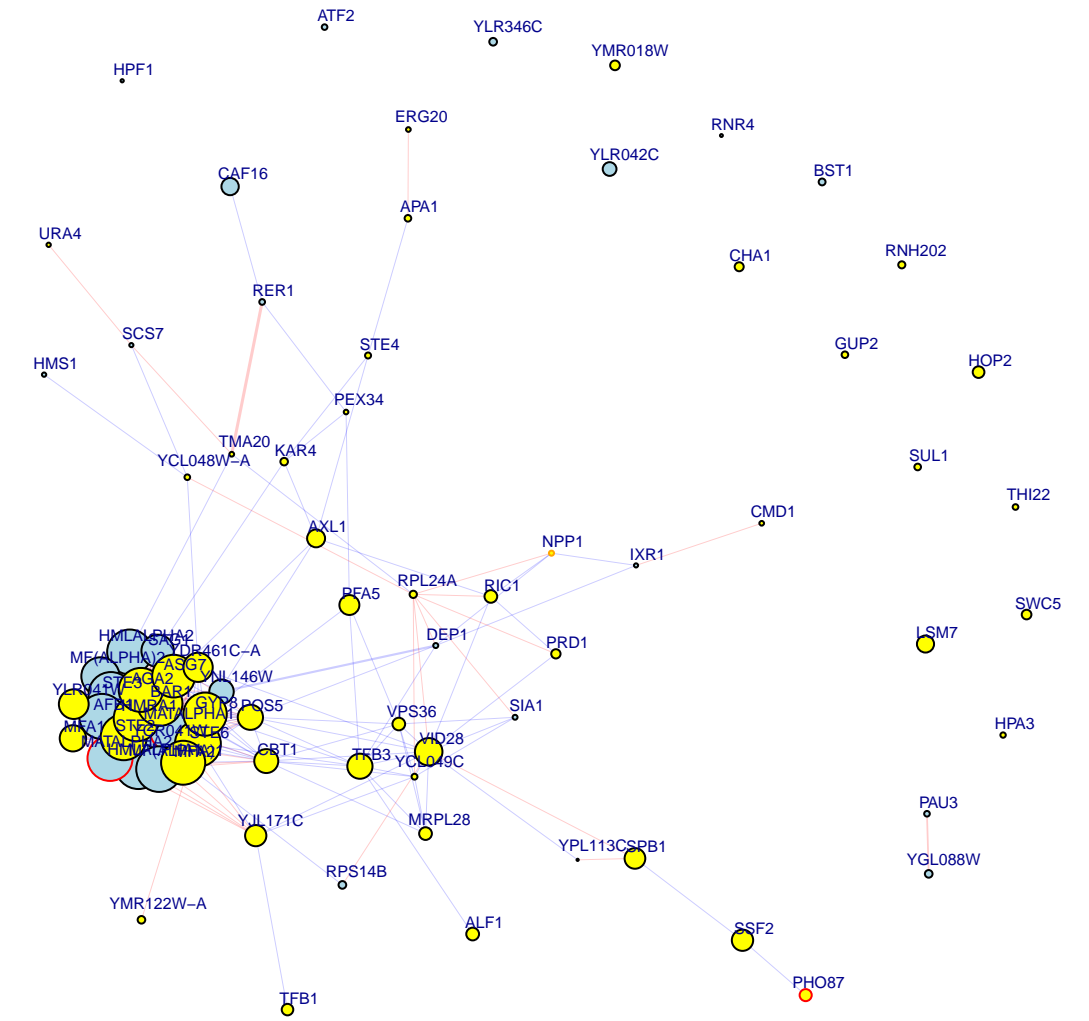
chrIII:201185_C/A top 28 up genes



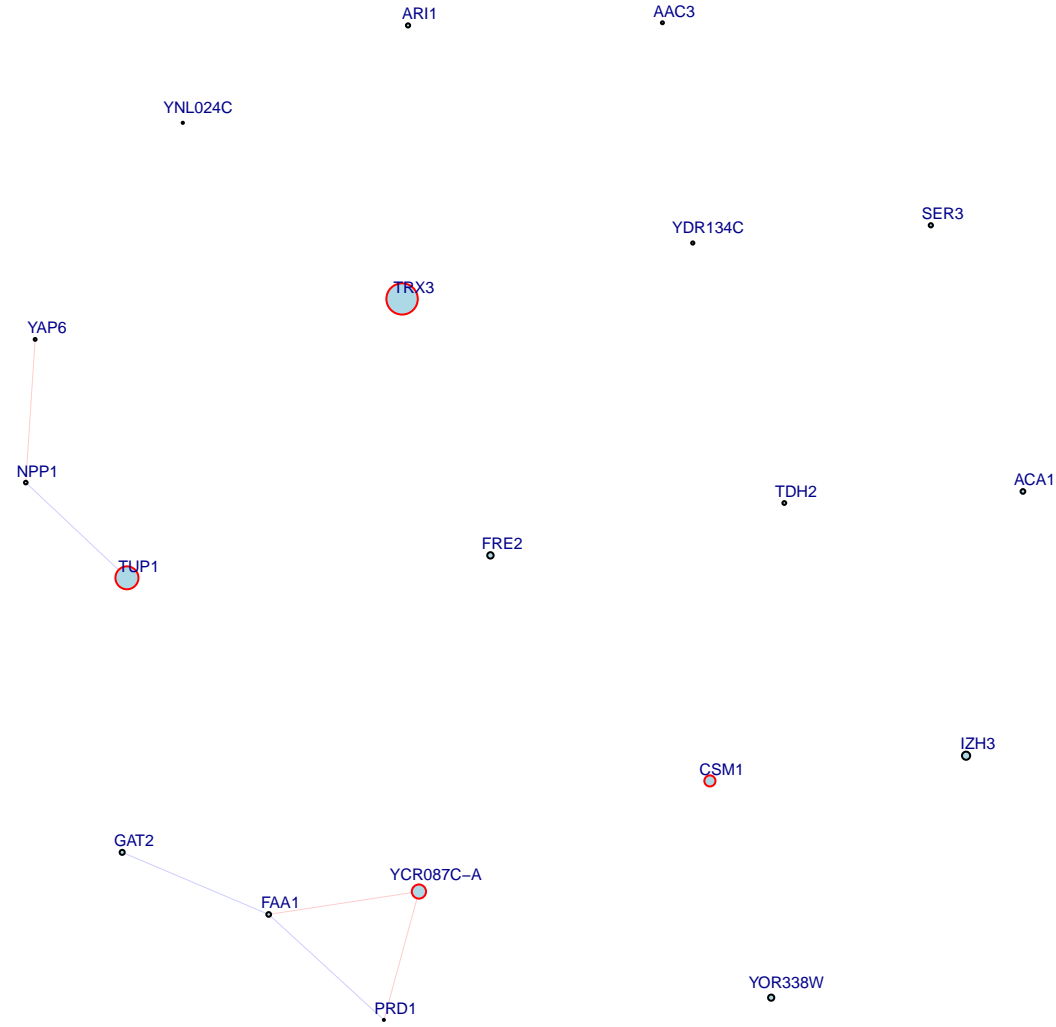
chrIII:201185_C/A top 50 down genes



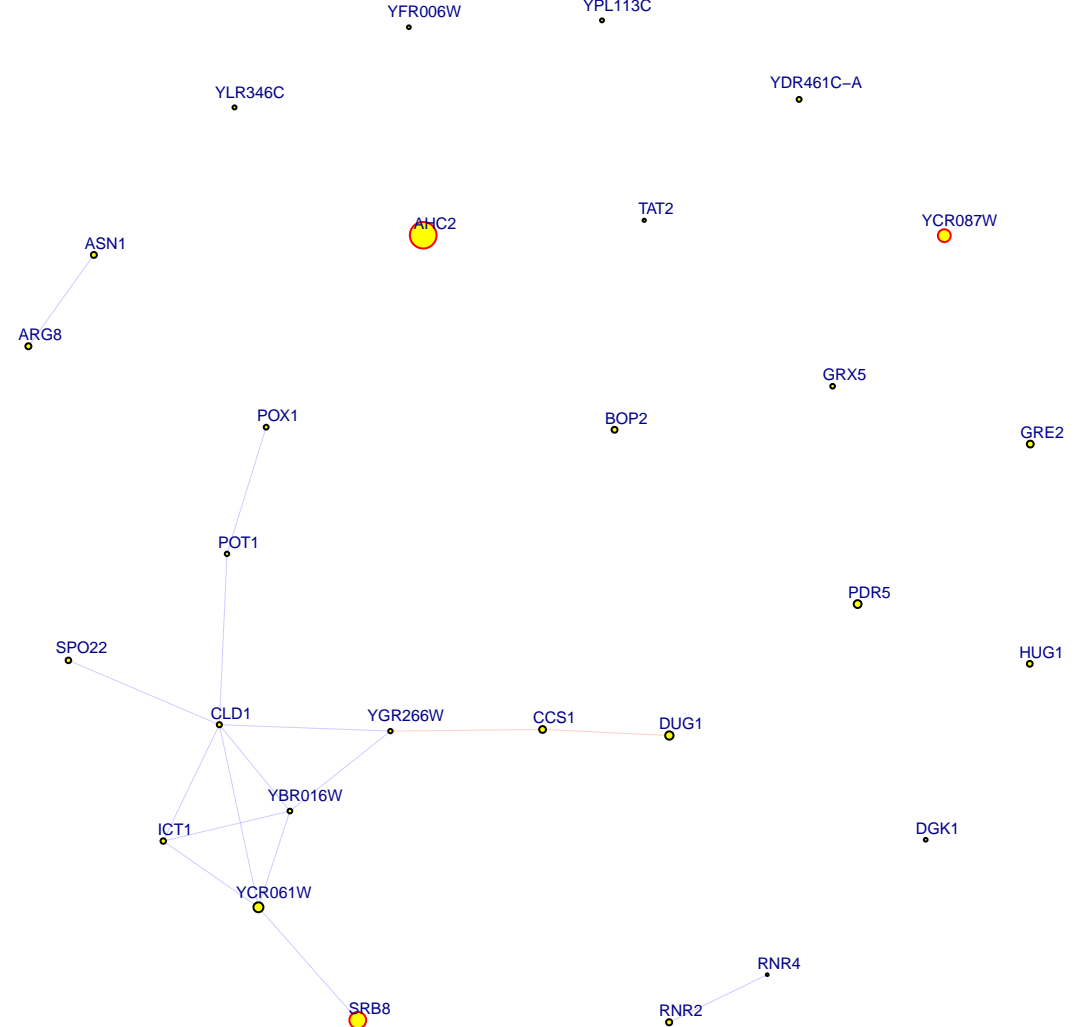
chrIII:201185_C/A top 78 up and down genes



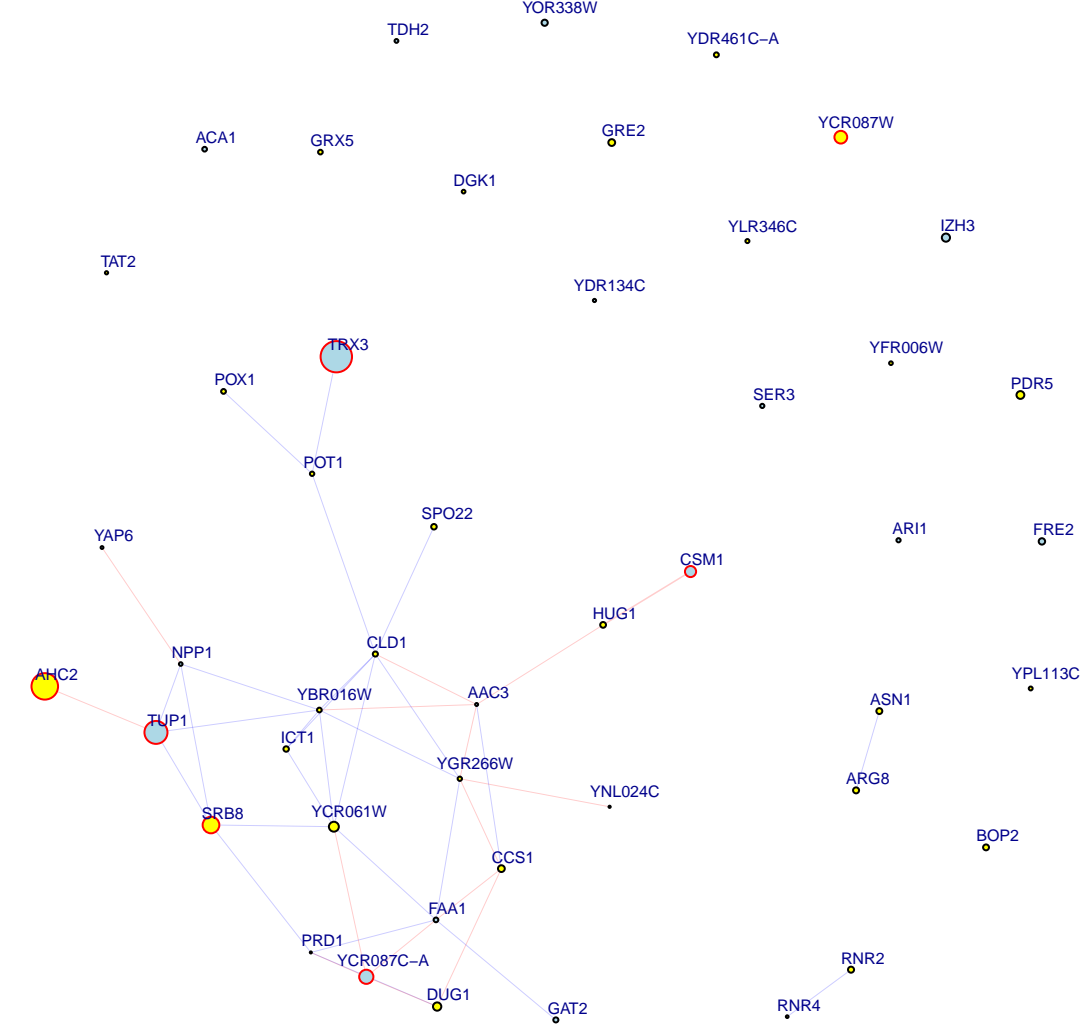
chrIII:262105_C/T top 19 up genes



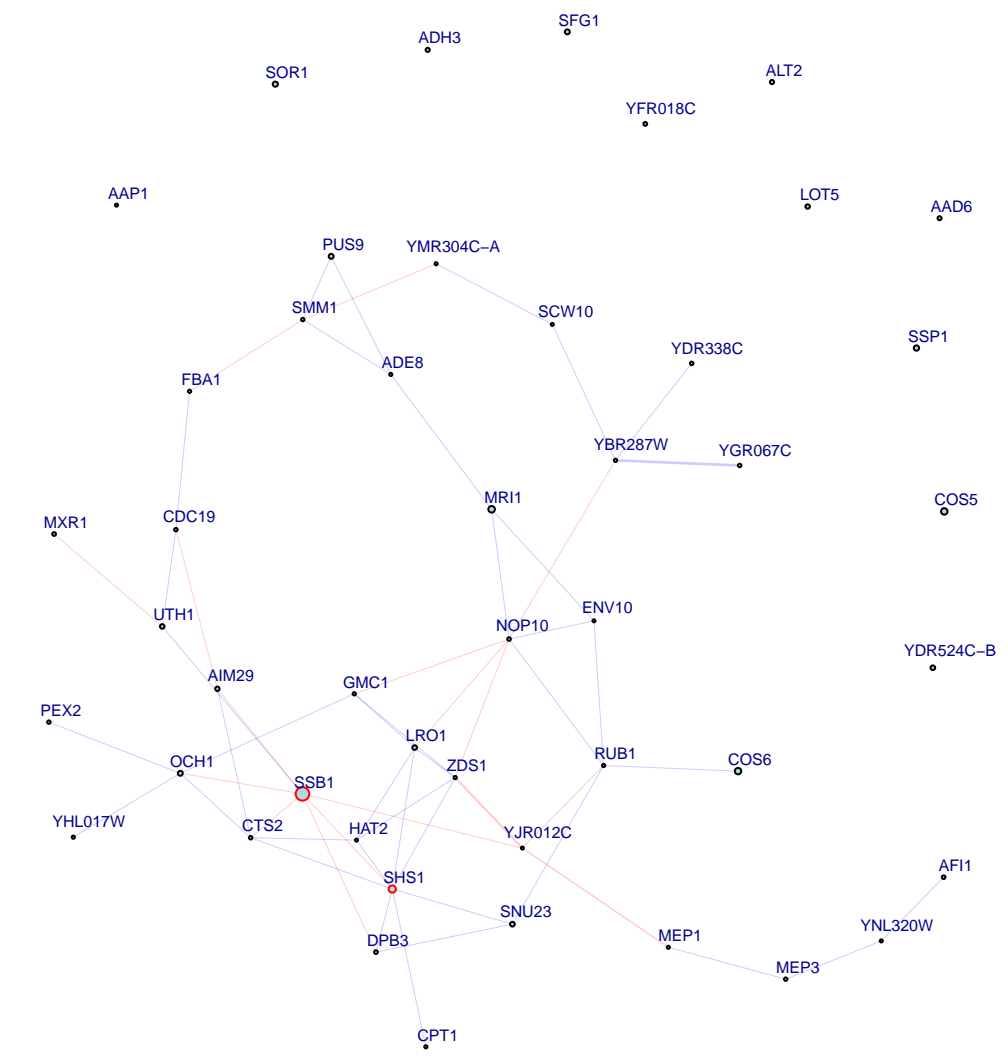
chrIII:262105_C/T top 28 down genes



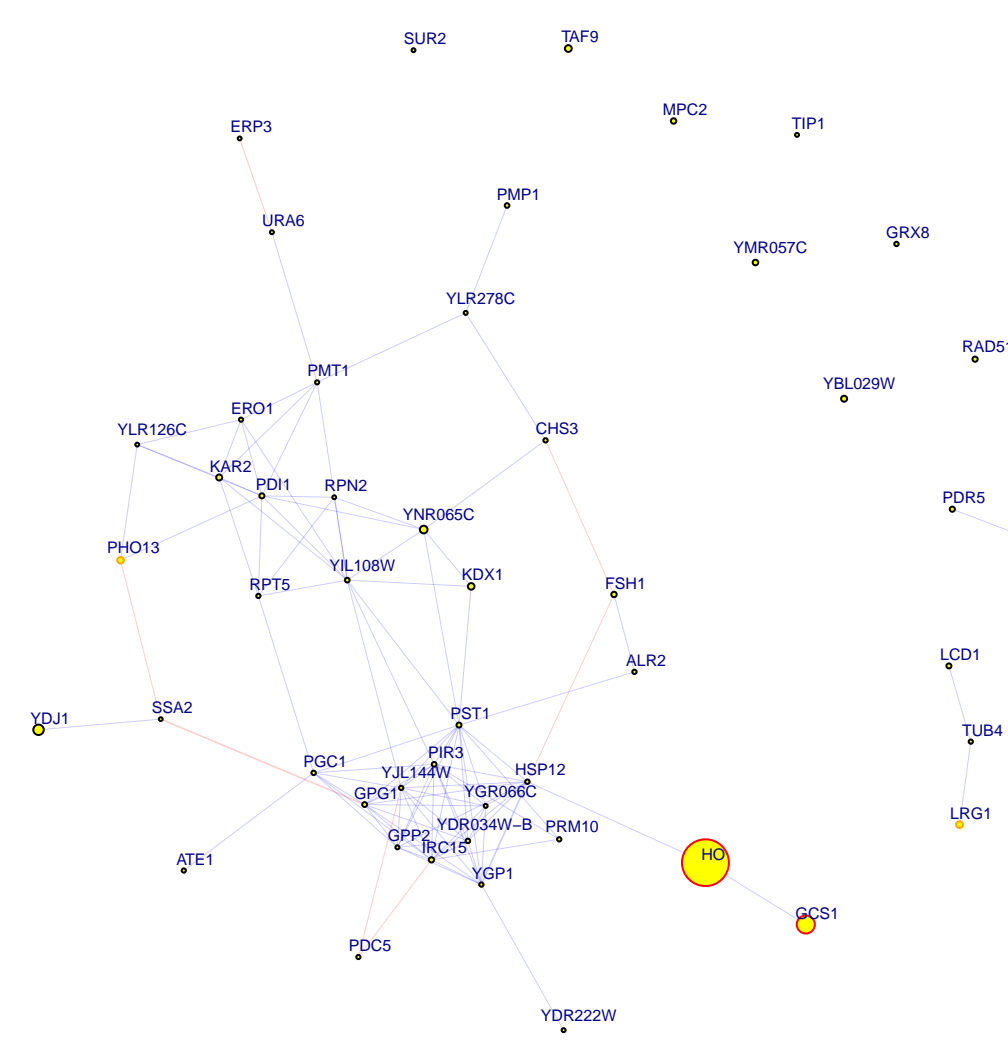
chrIII:262105_C/T top 47 up and down genes



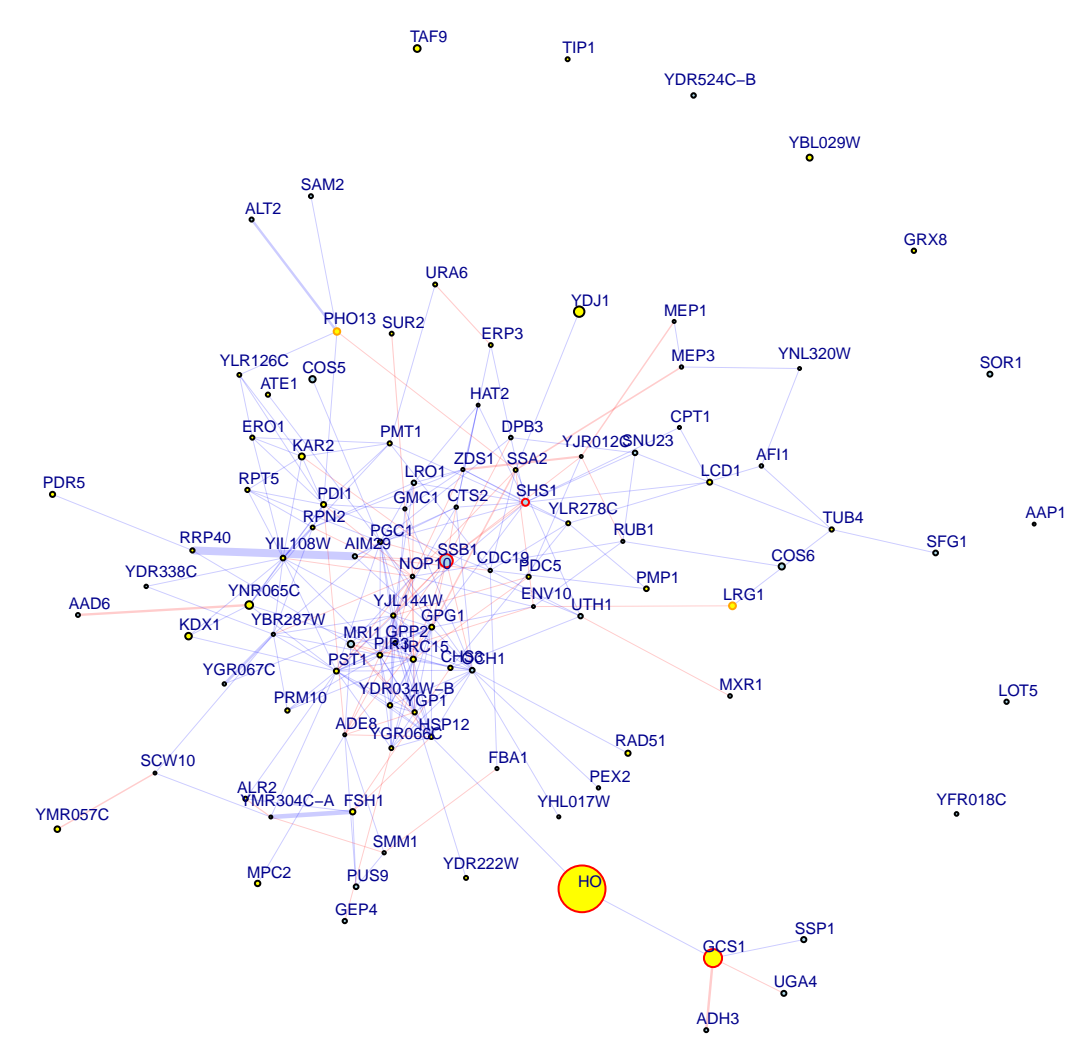
chrIV:46090_C/G top 50 up genes



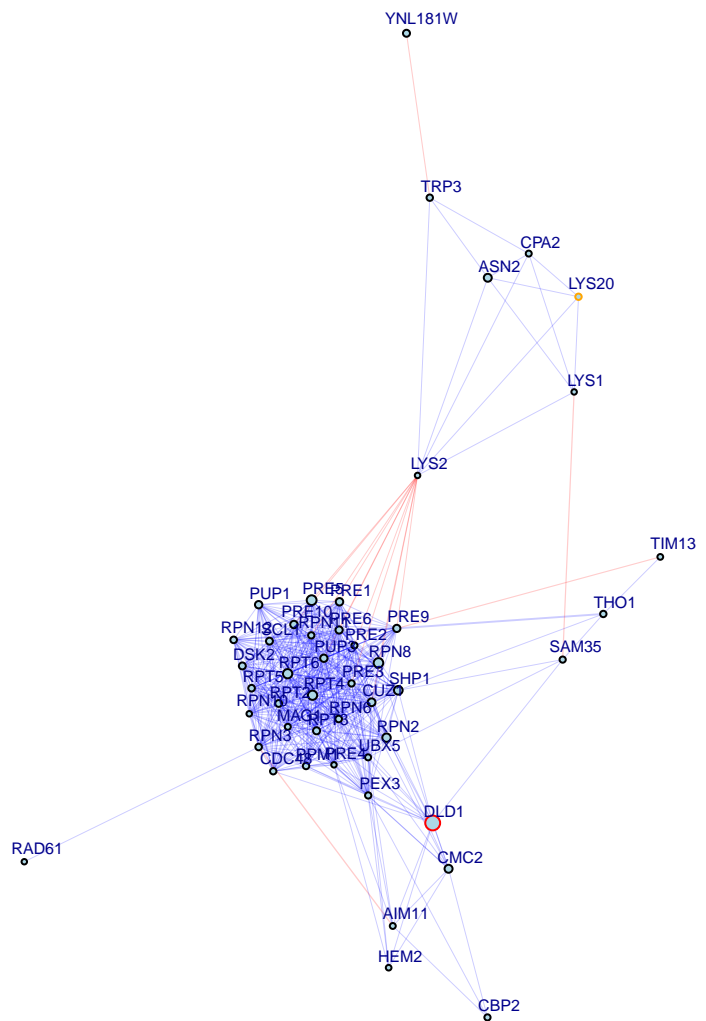
chrIV:46090_C/G top 50 down genes



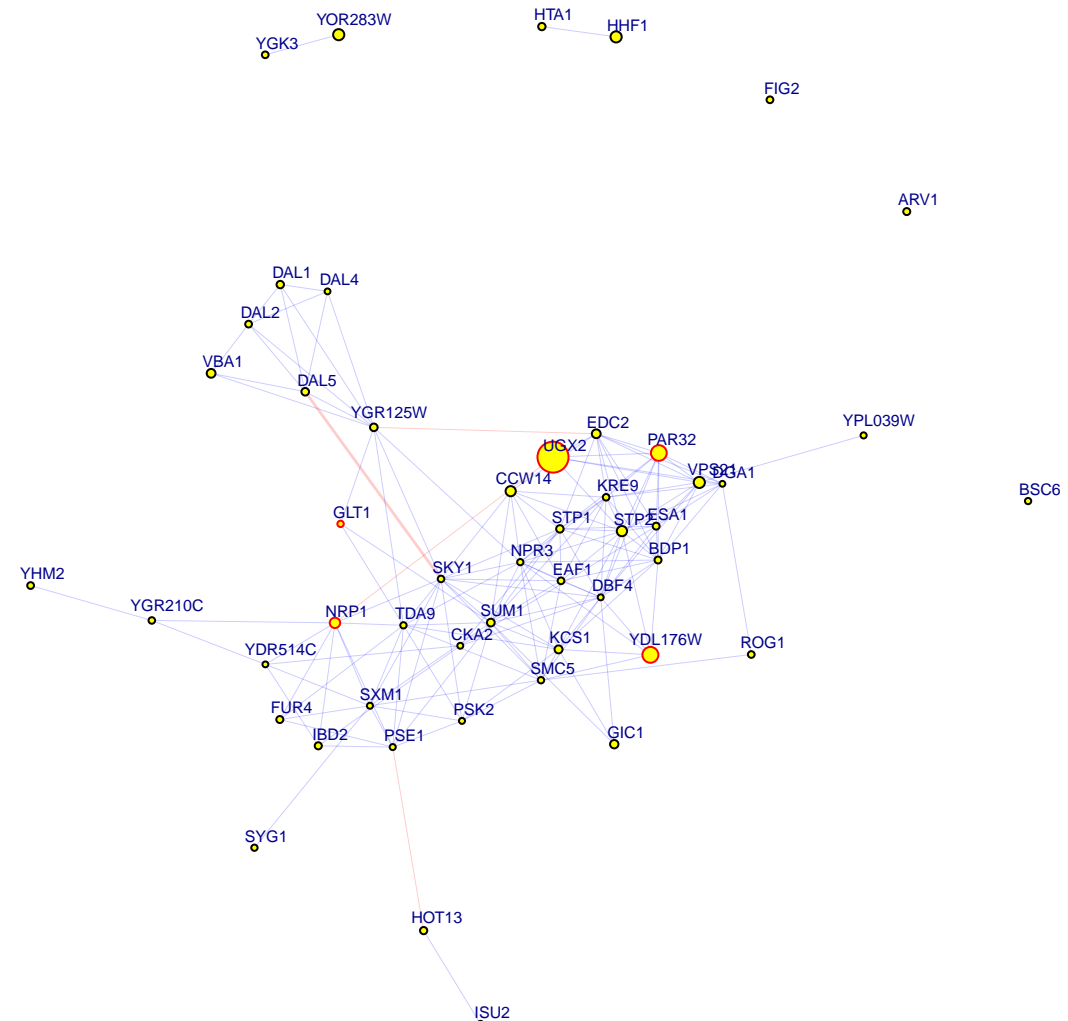
chrIV:46090_C/G top 100 up and down genes



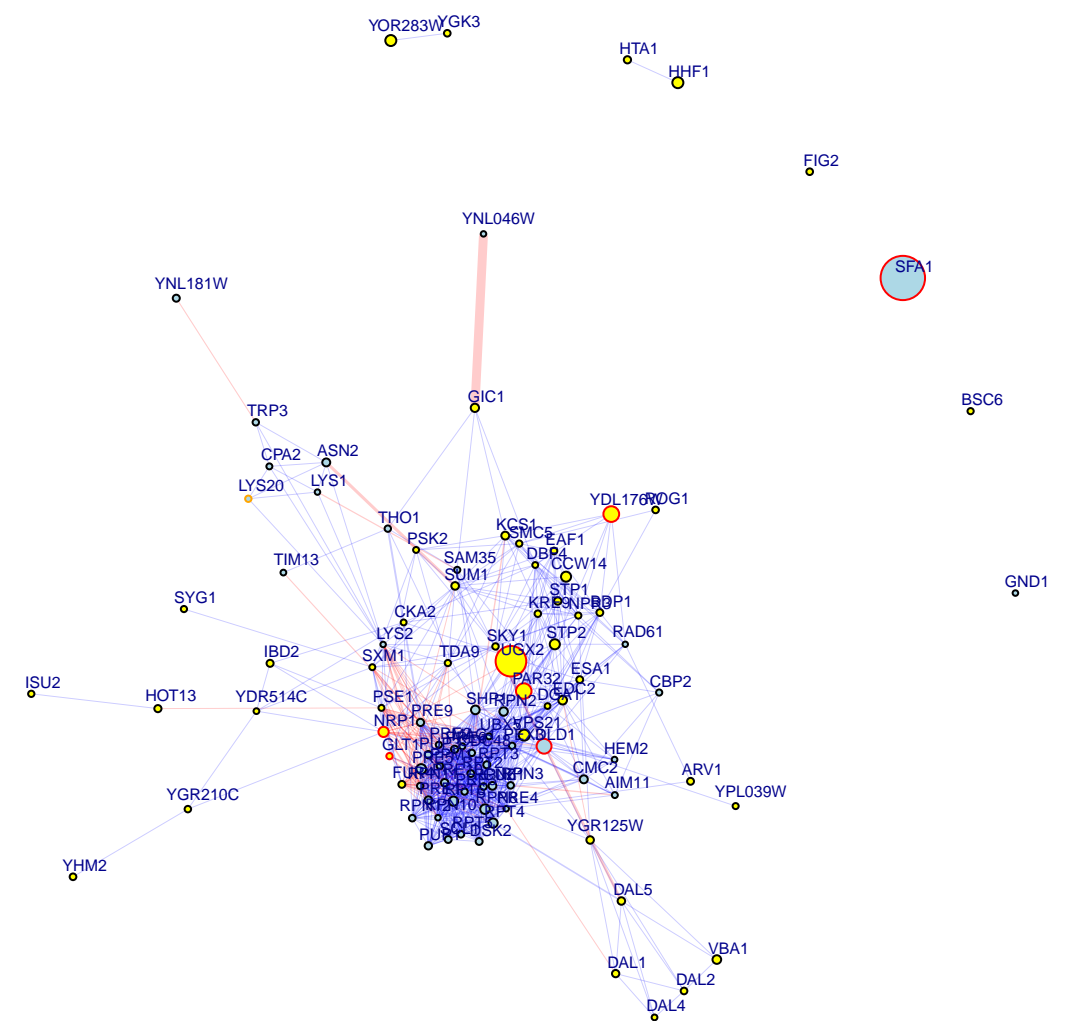
chrIV:156943_A/G top 50 up genes



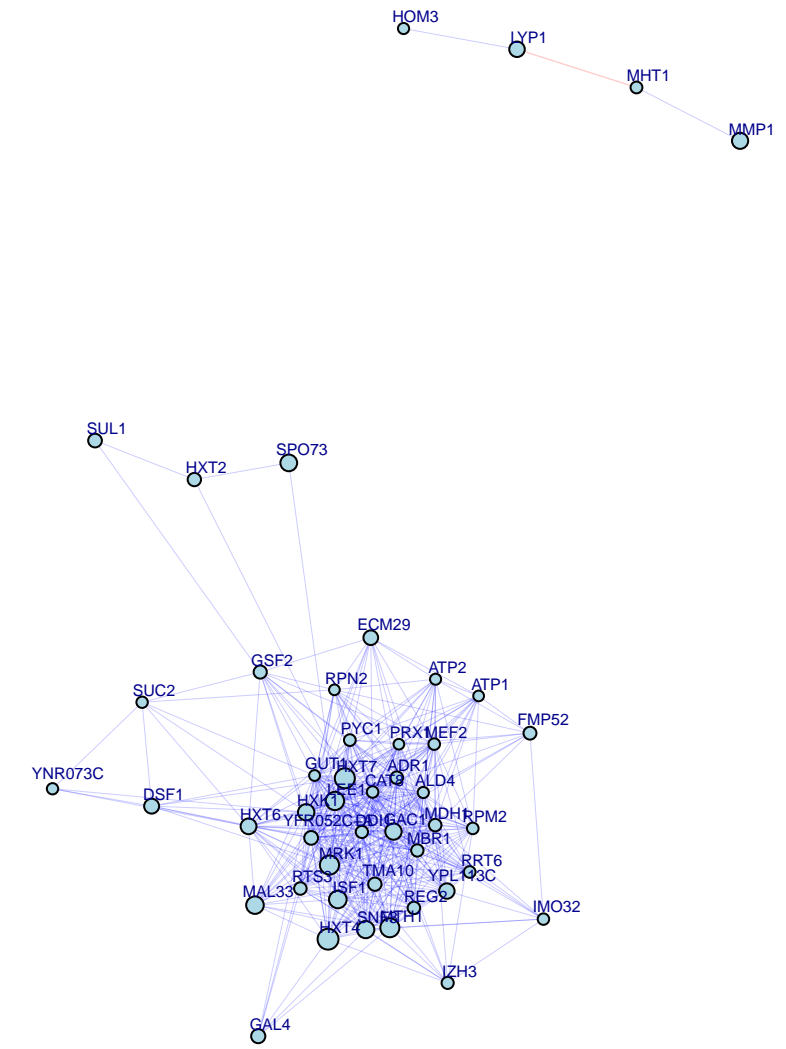
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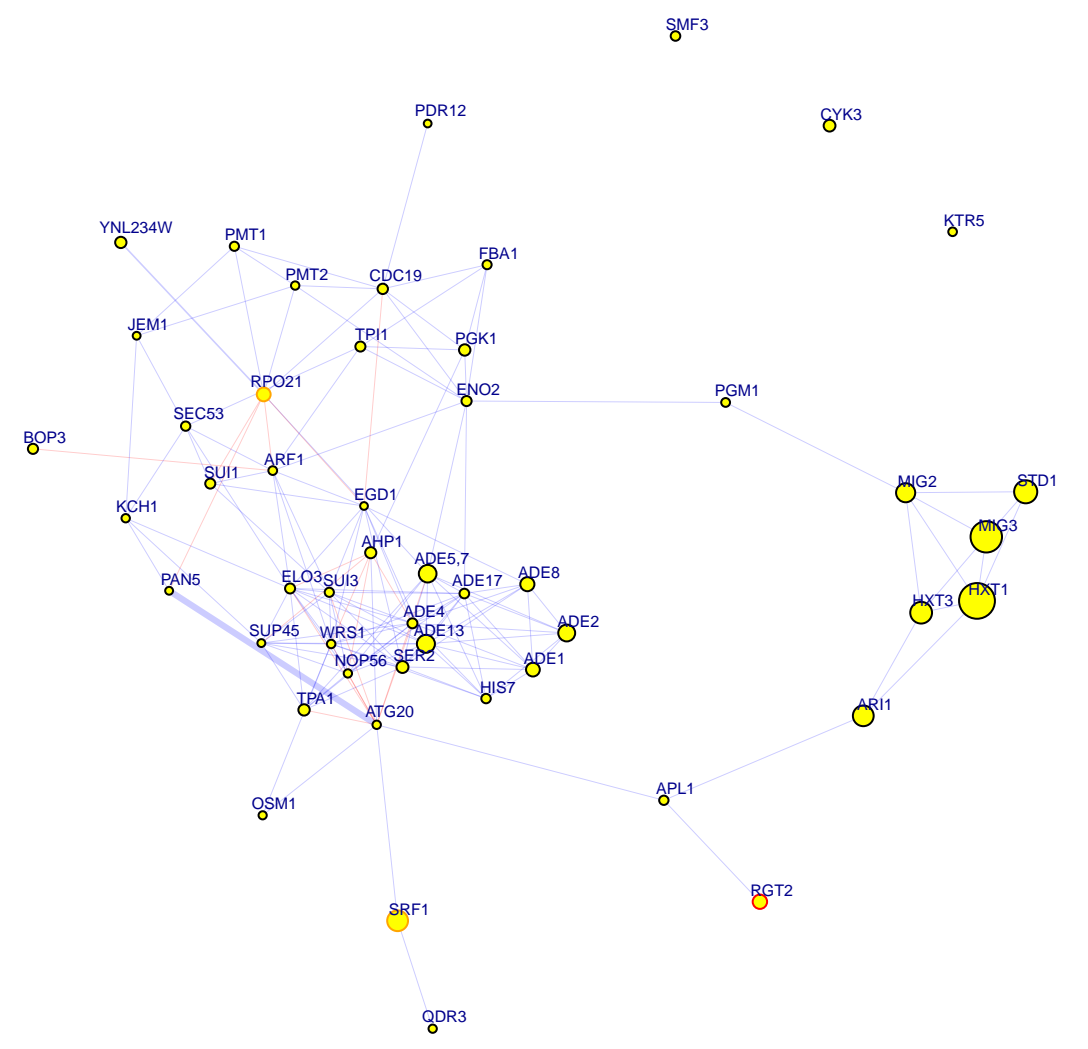
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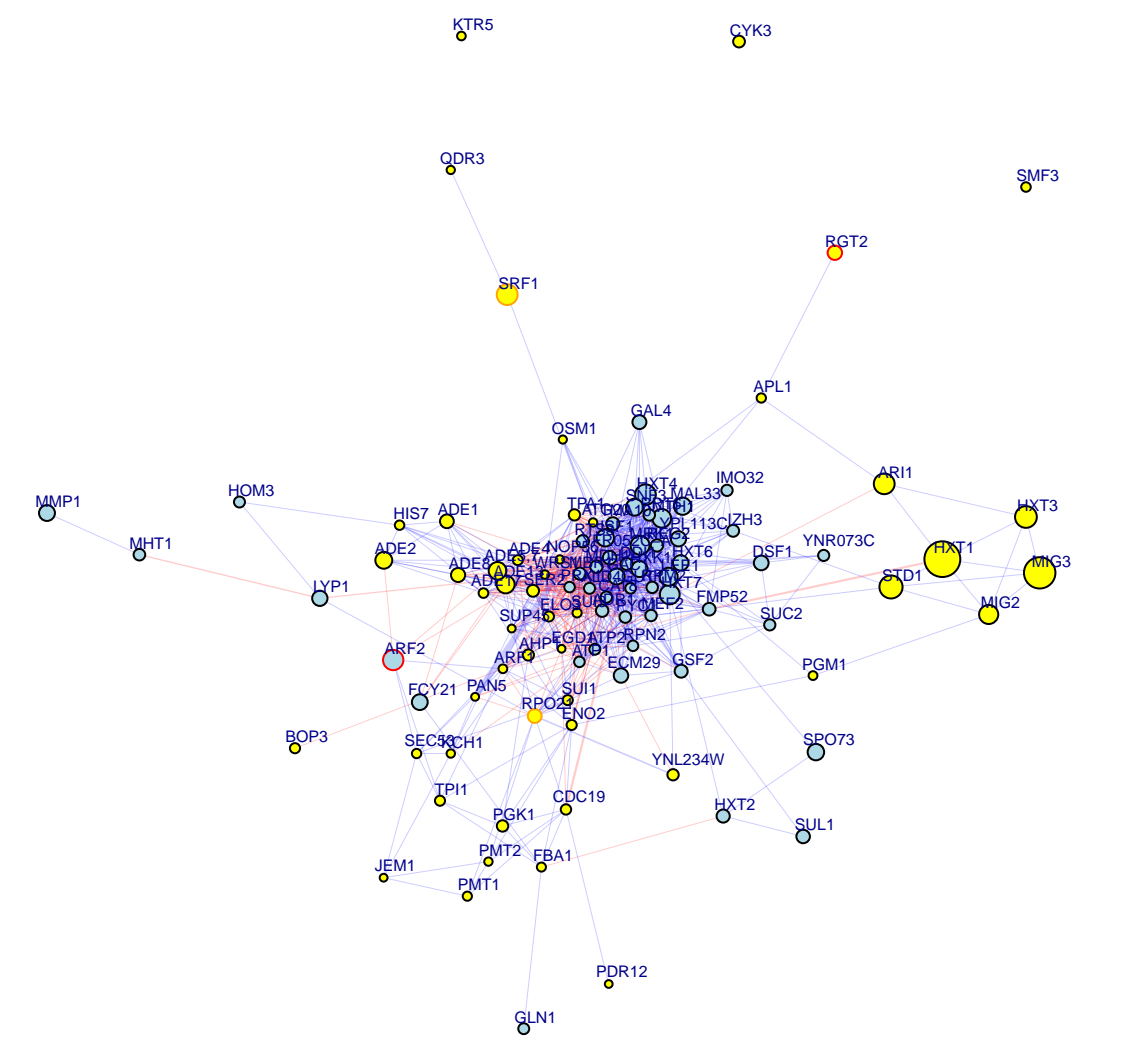
chrIV:215523_T/C top 50 up genes



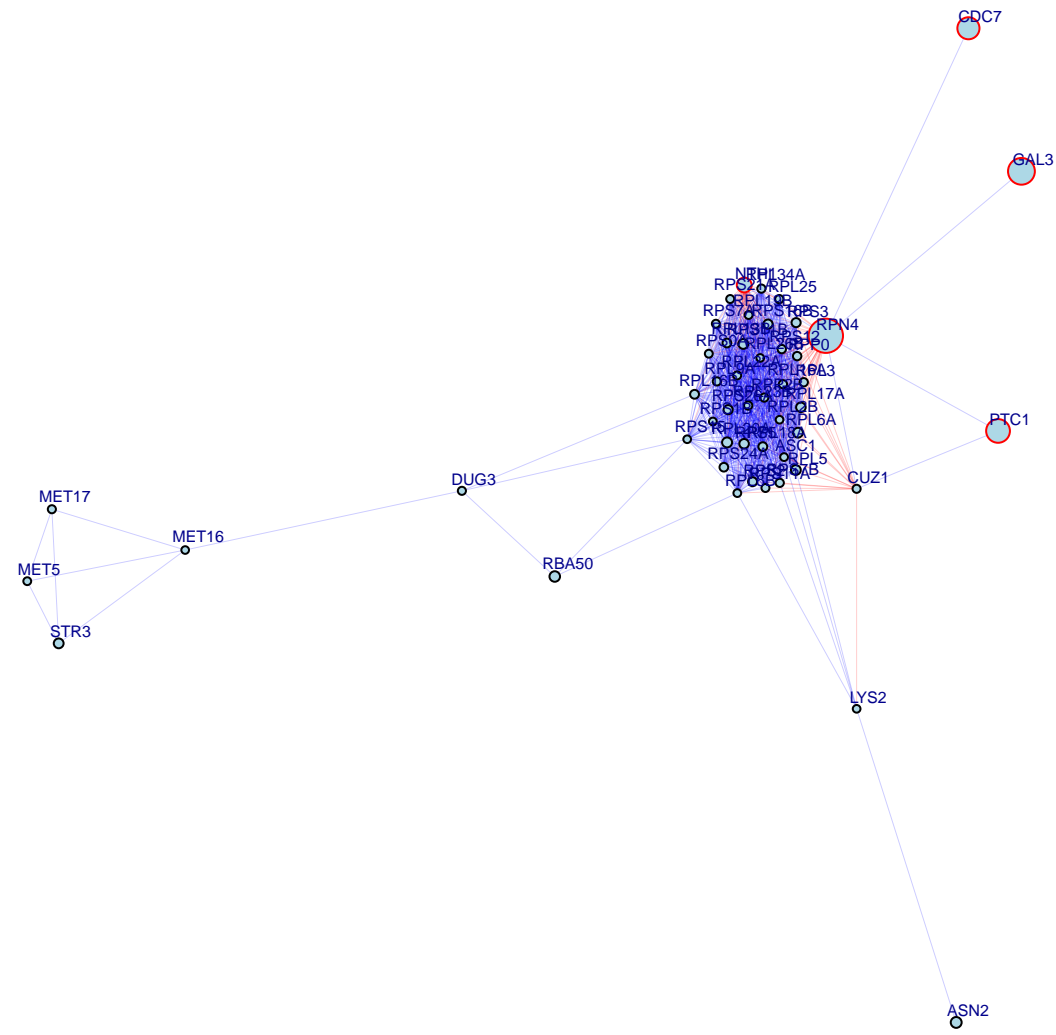
chrIV:215523_T/C top 50 down genes



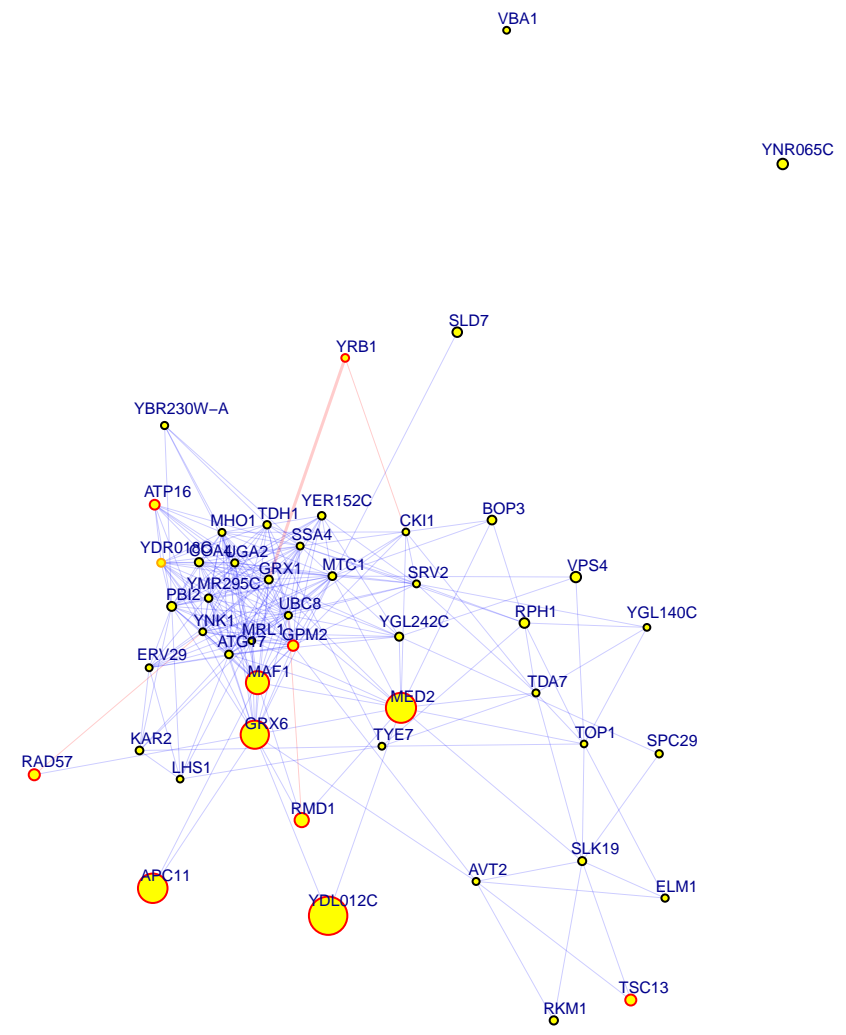
chrIV:215523_T/C top 100 up and down genes



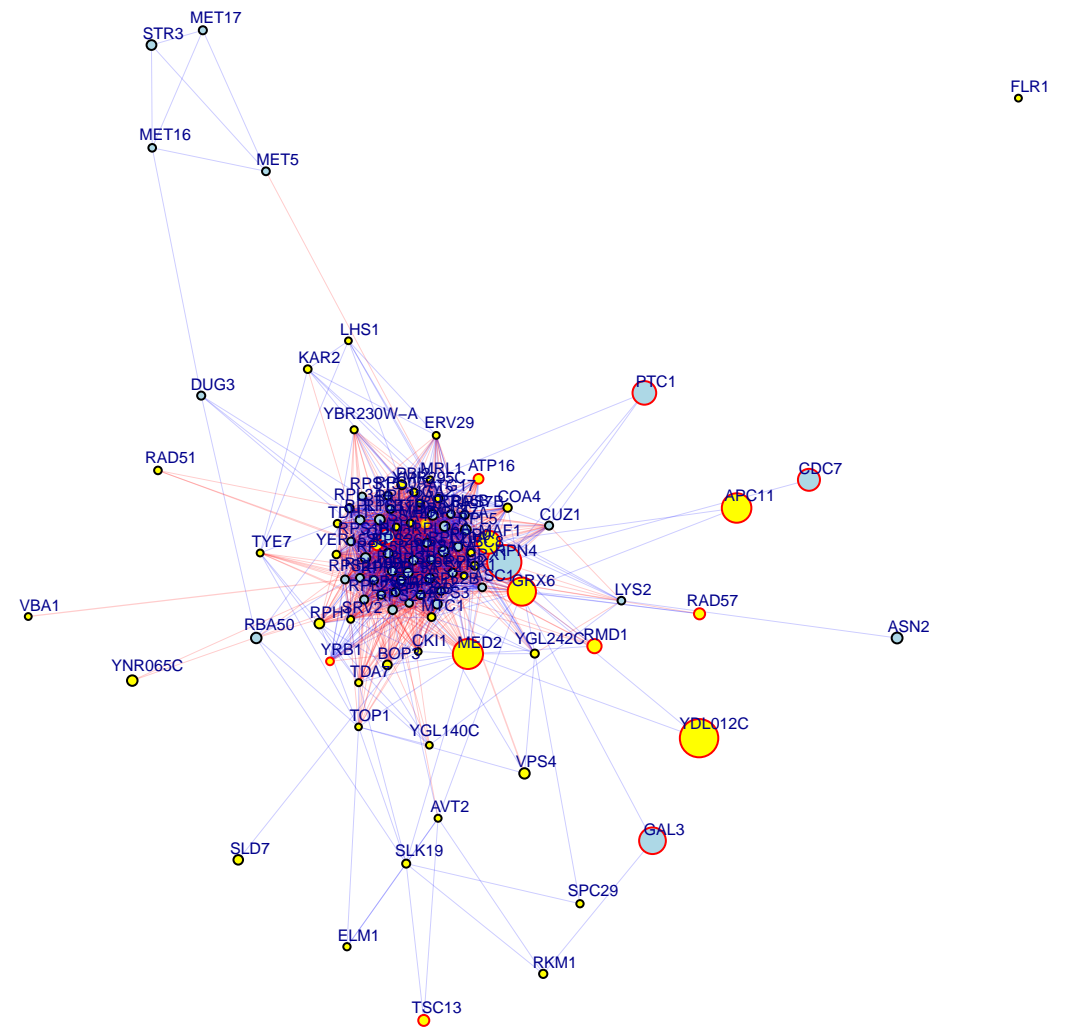
chrIV:461656_A/G top 50 up genes



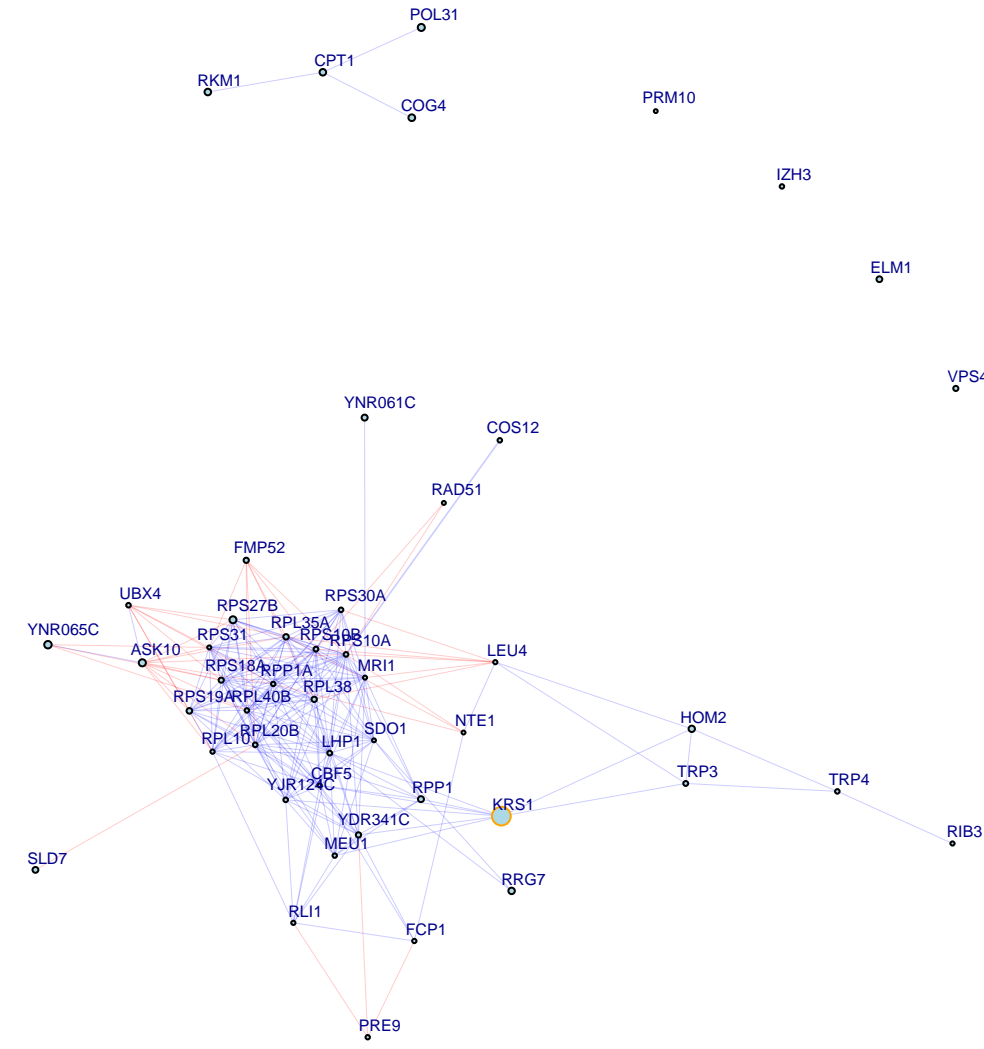
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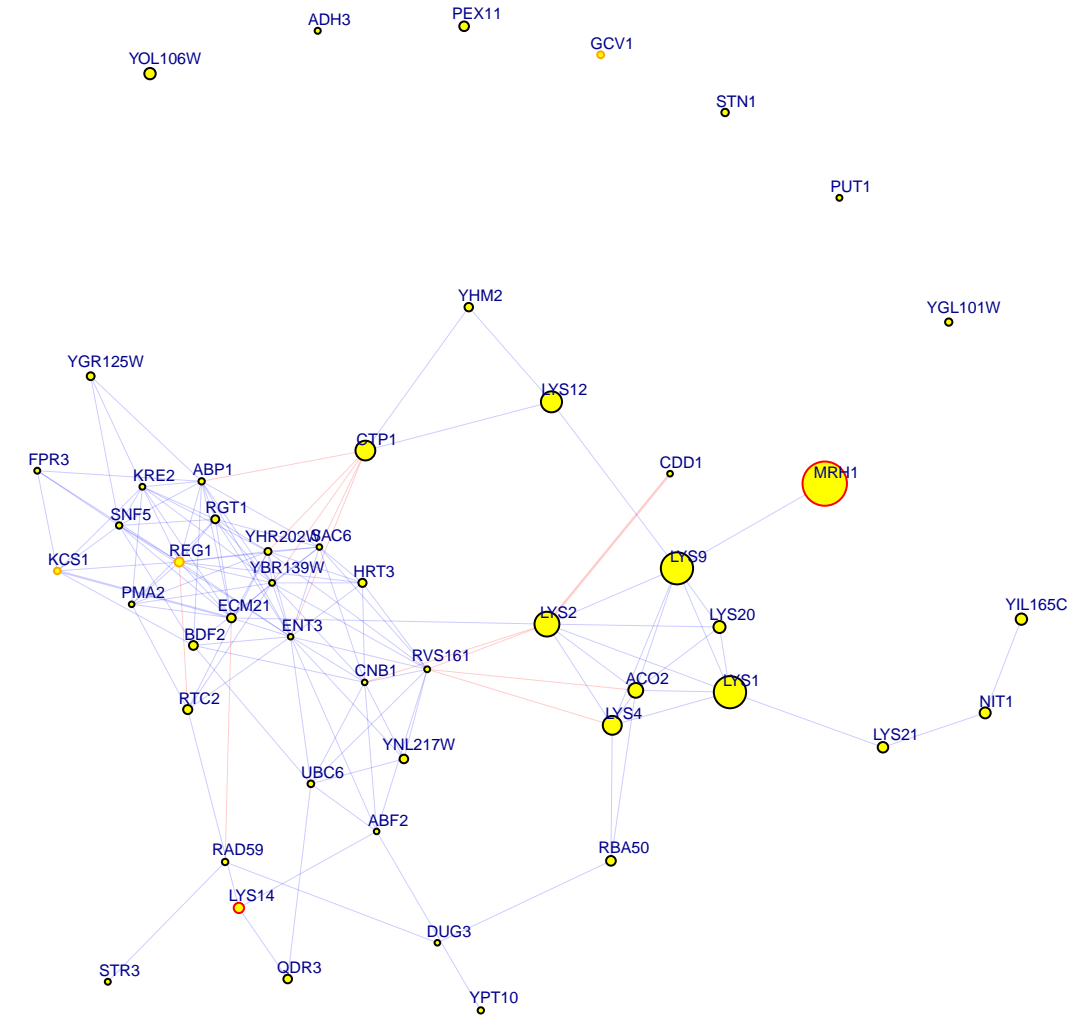
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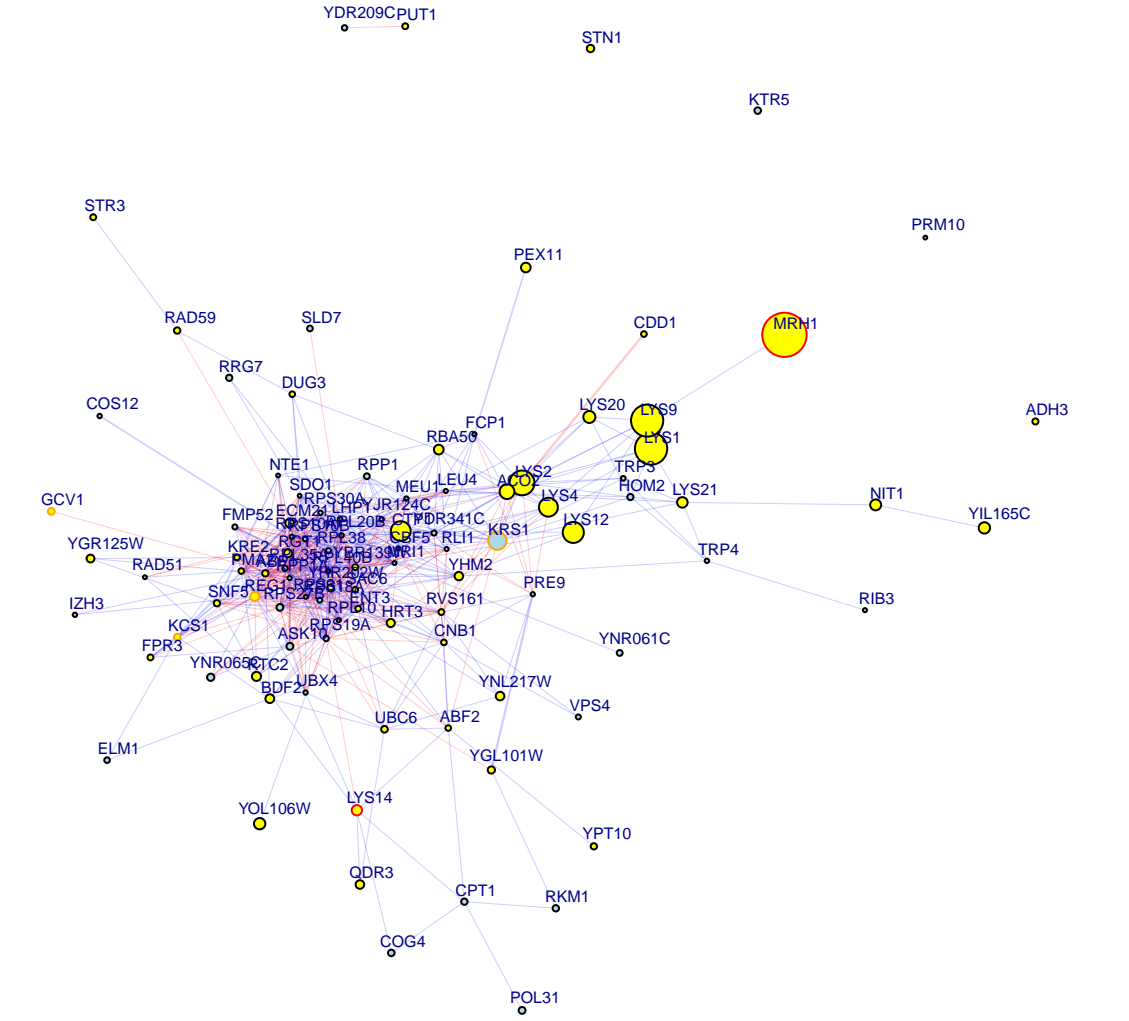
chrIV:509407_G/T top 50 up genes



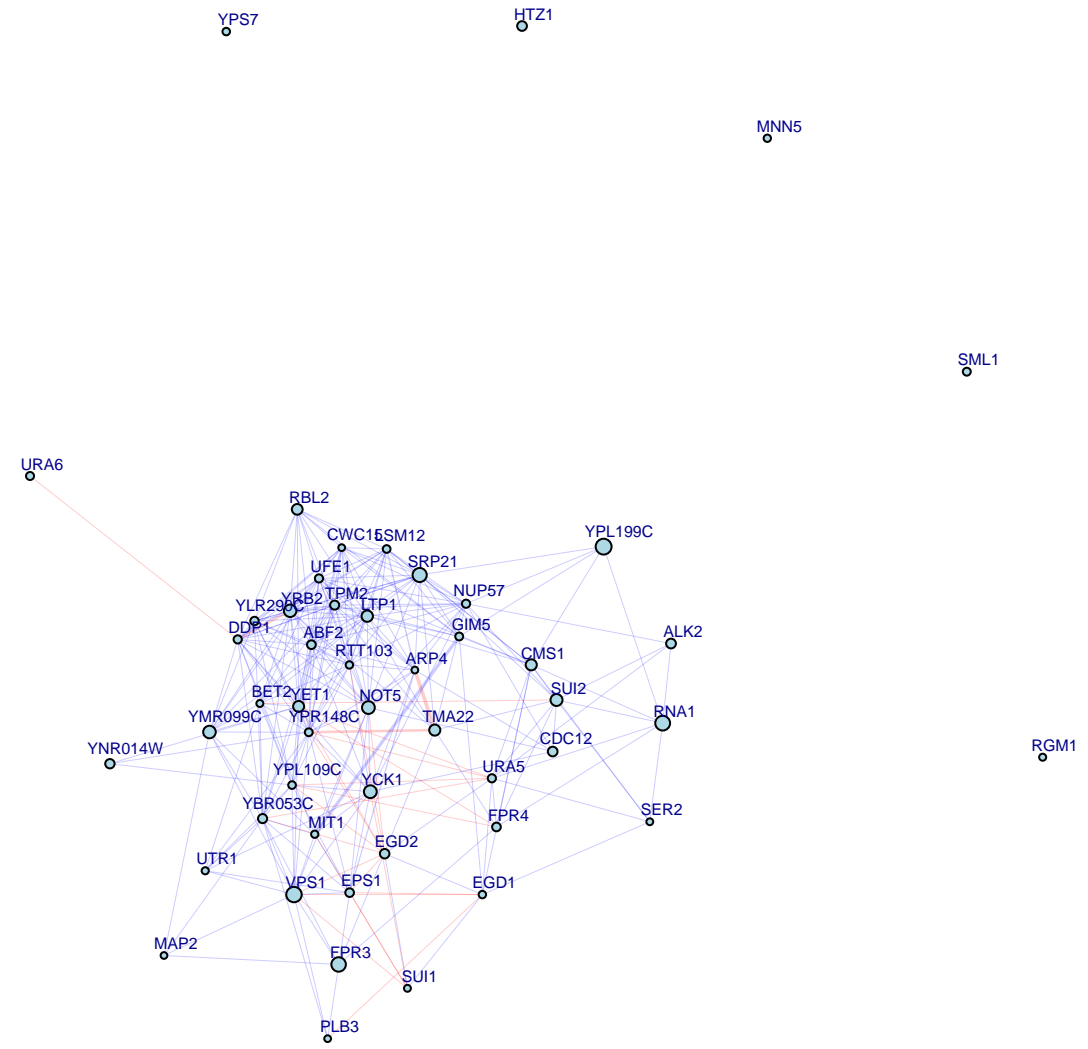
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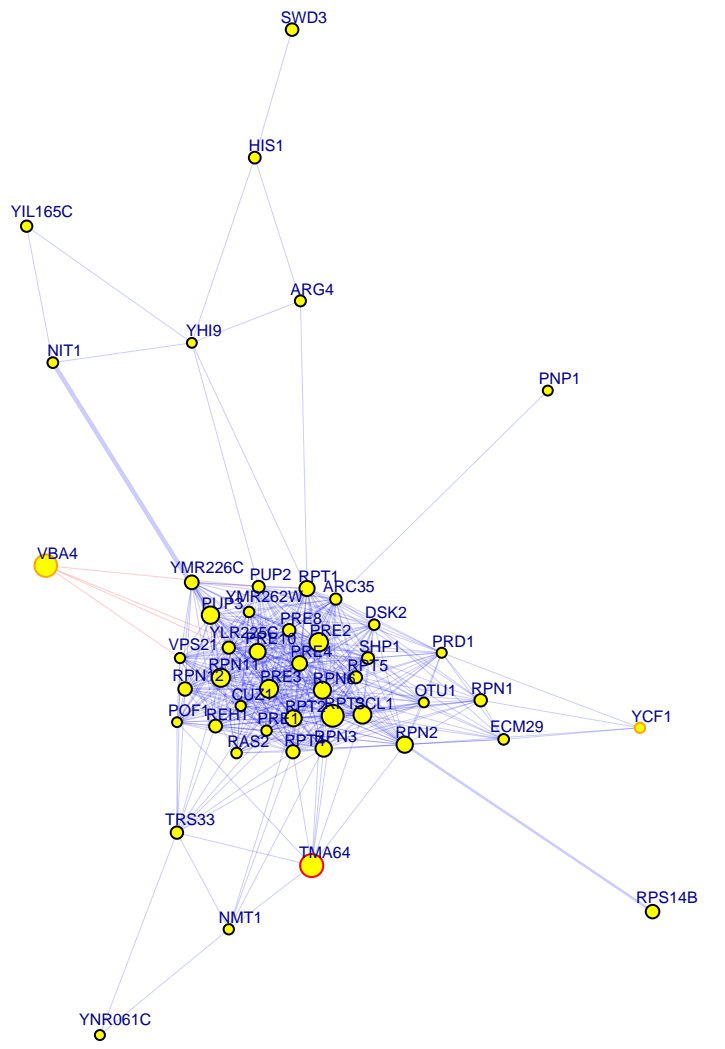
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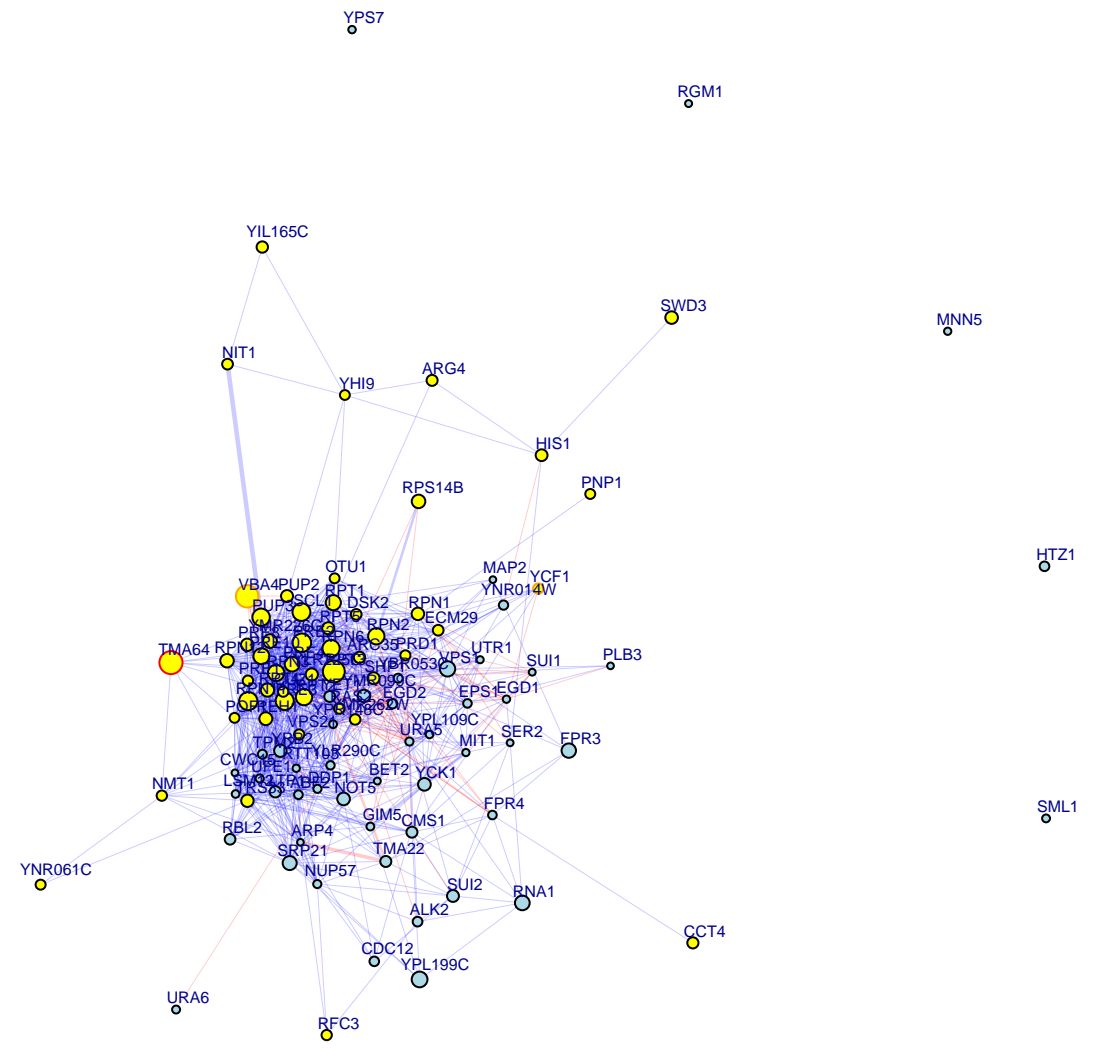
chrIV:681304_G/A top 50 up genes



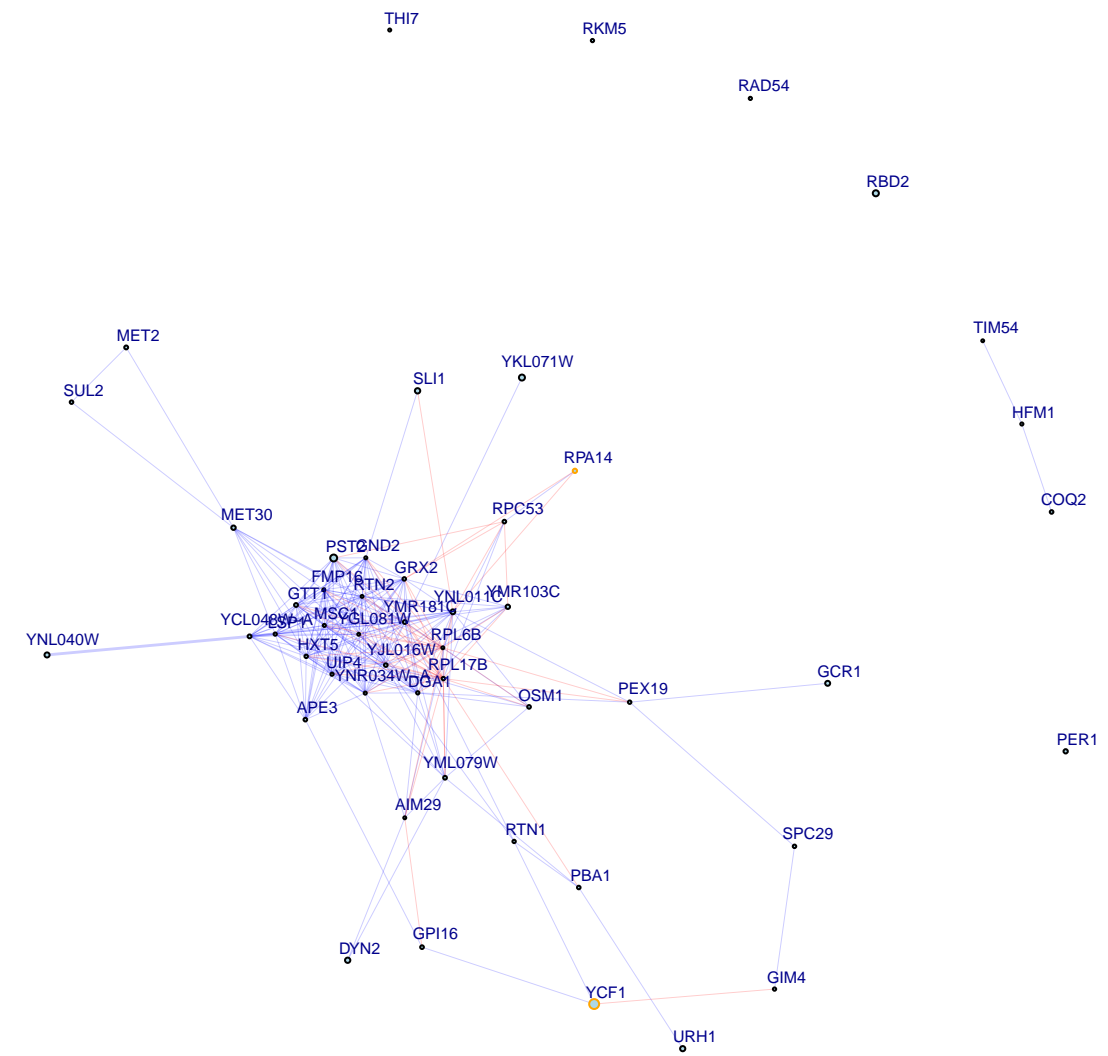
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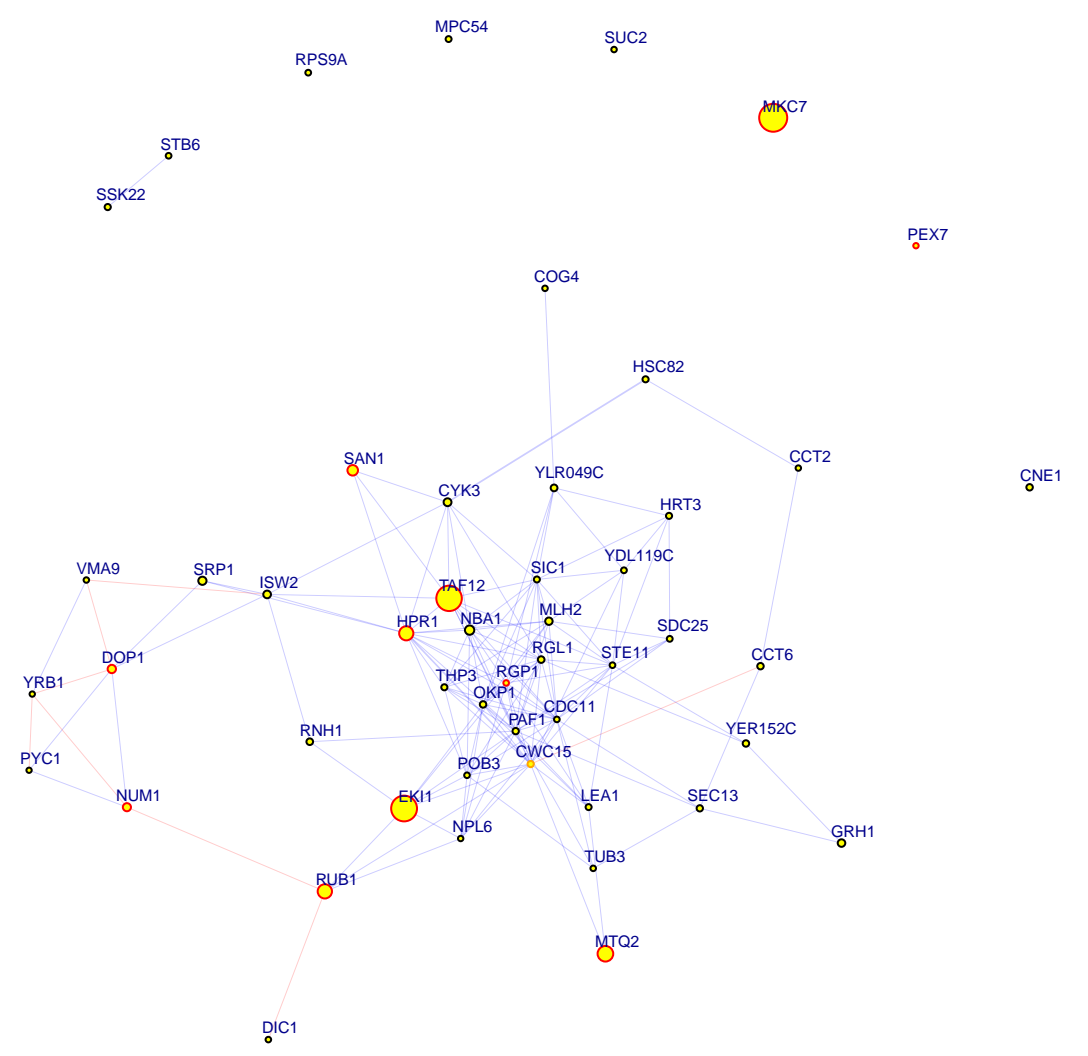
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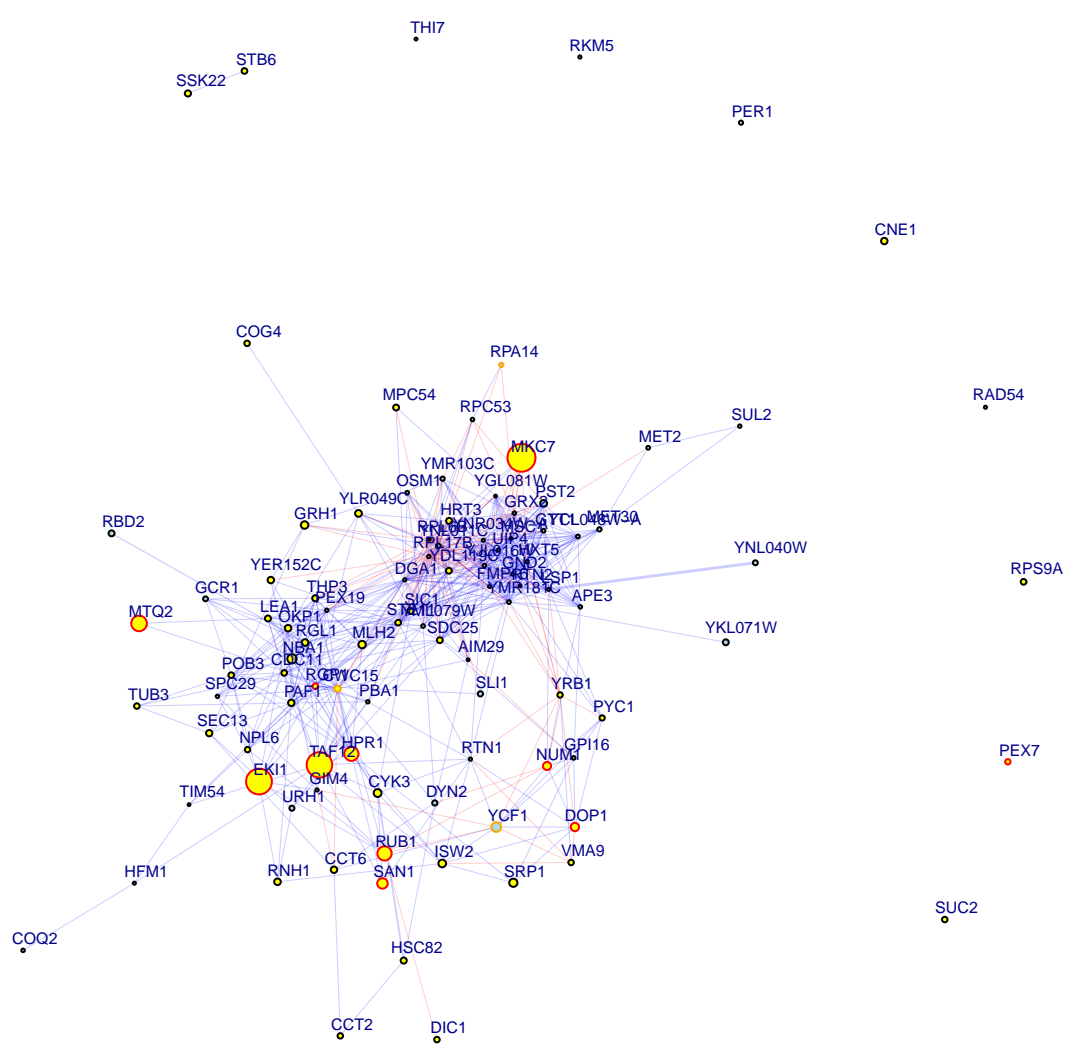
chrIV:745766_G/A top 50 up genes



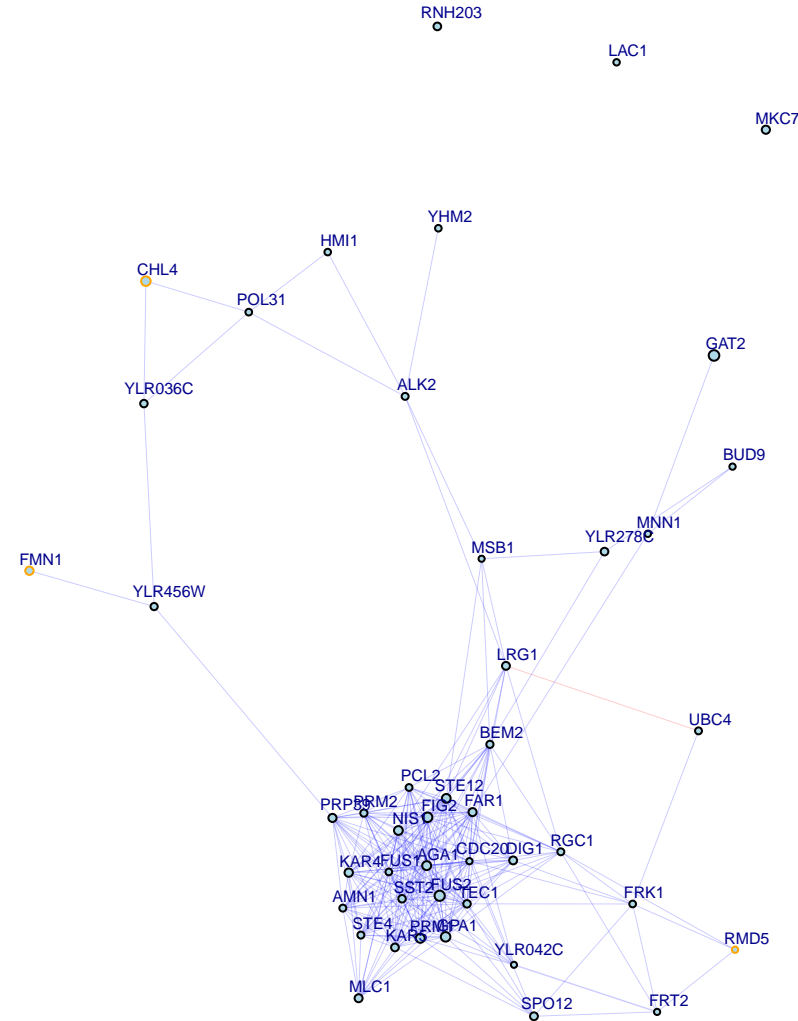
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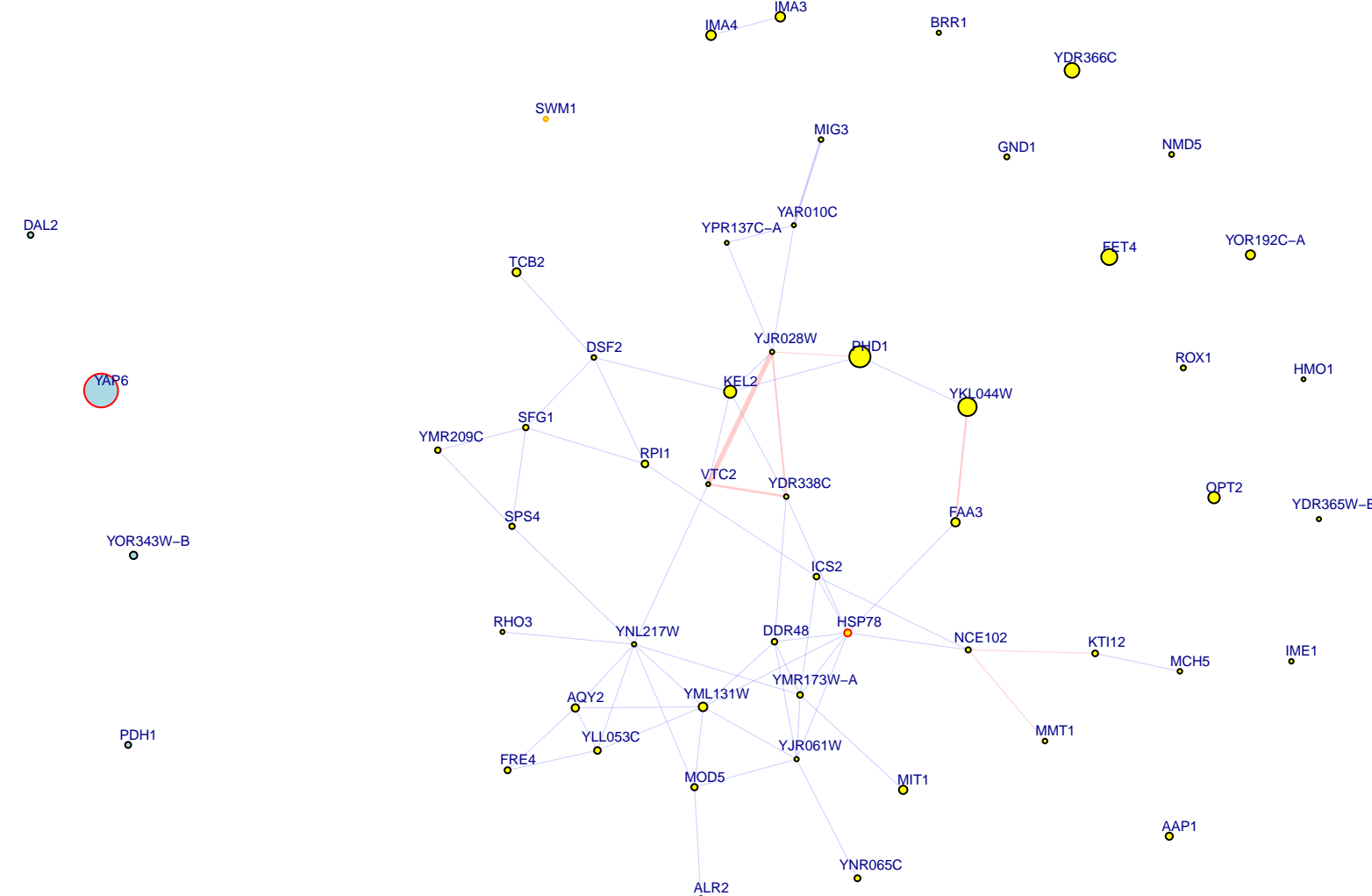
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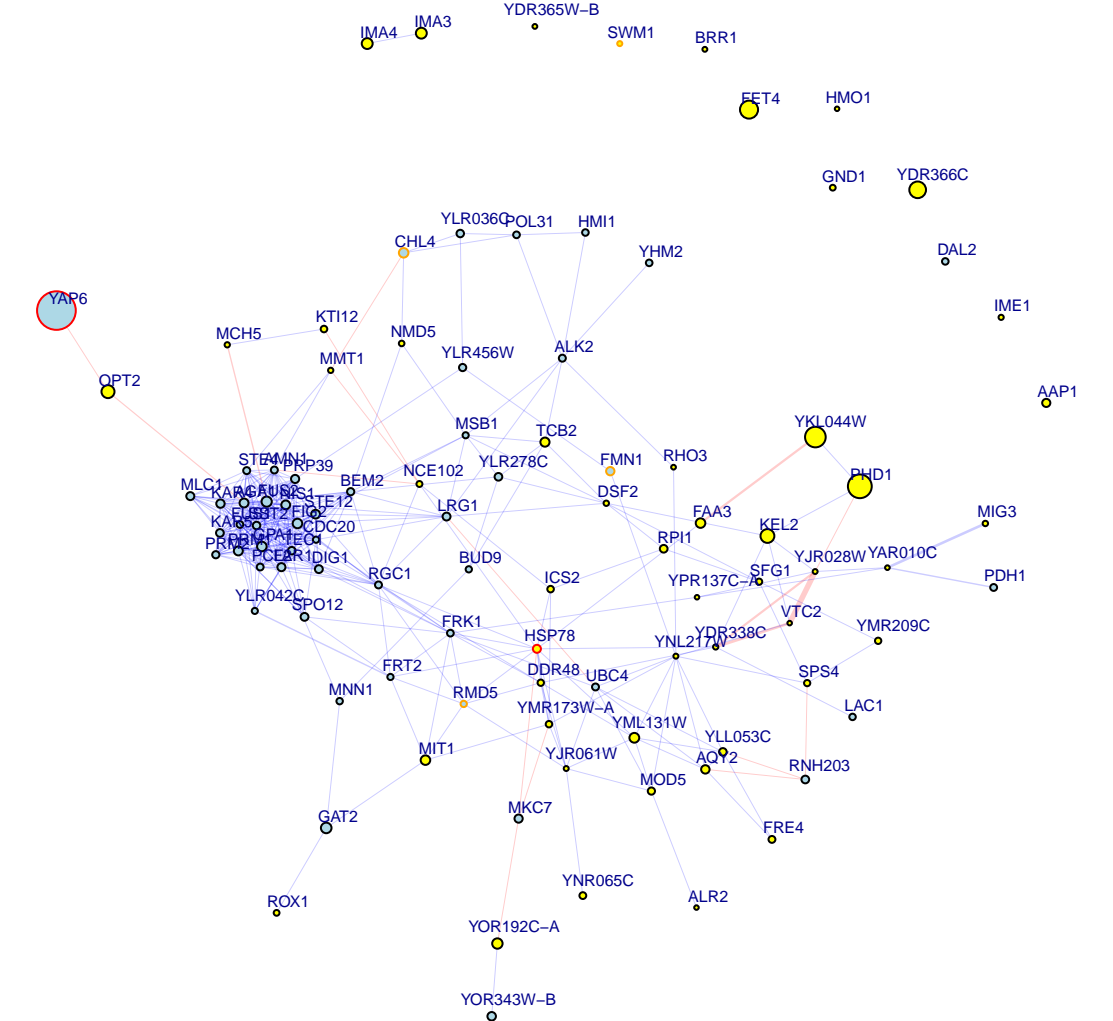
chrIV:975156_A/G top 50 up genes



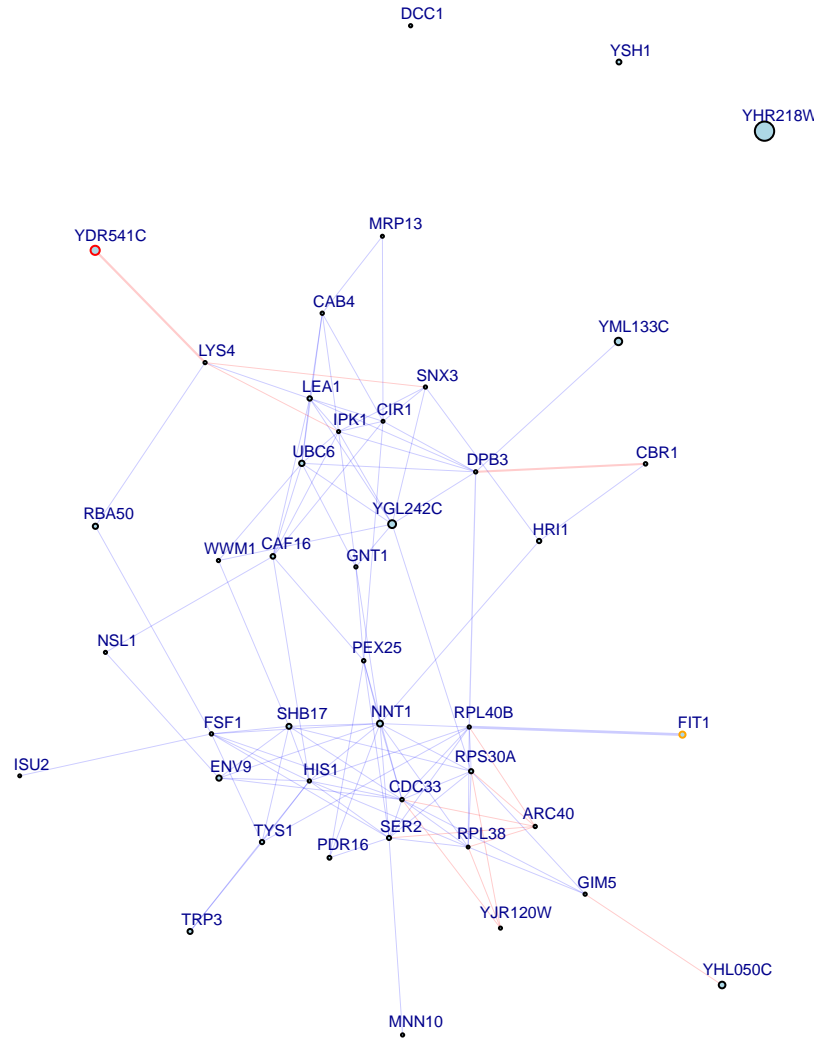
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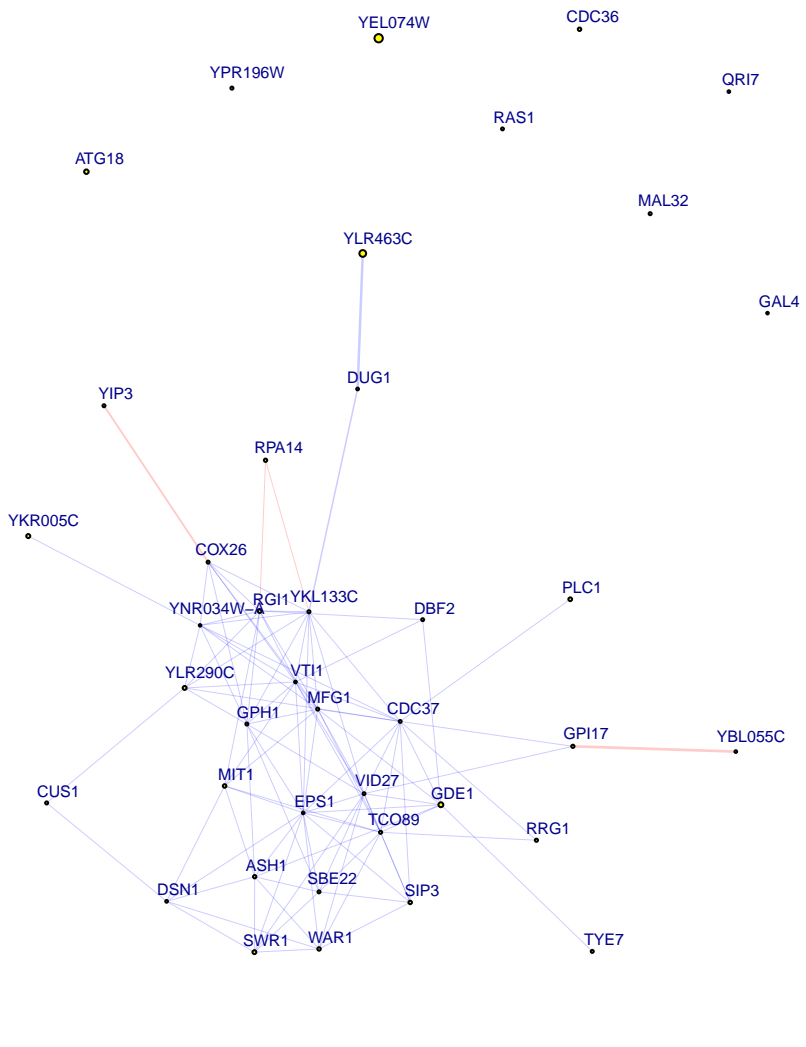
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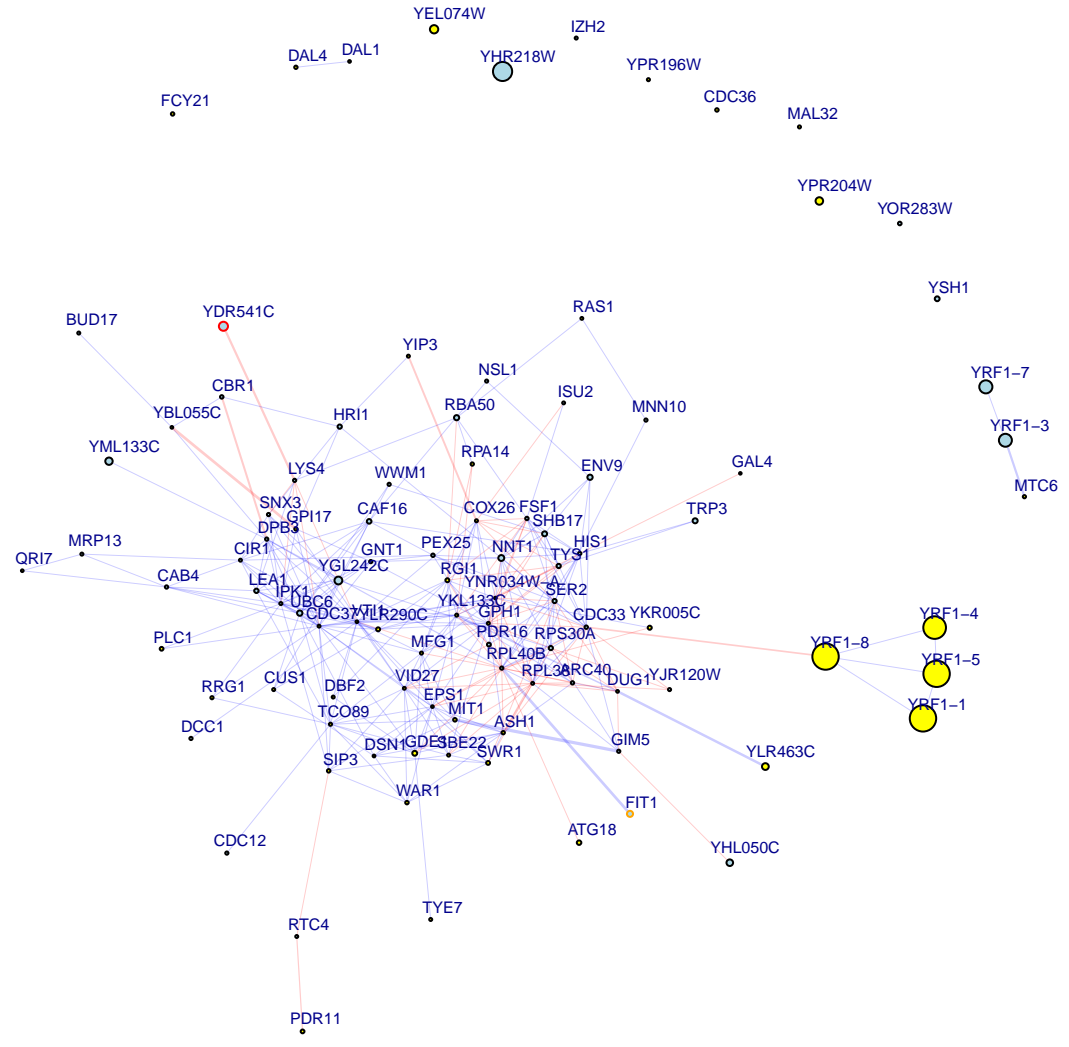
chrIV:1521369_A/C top 50 up genes



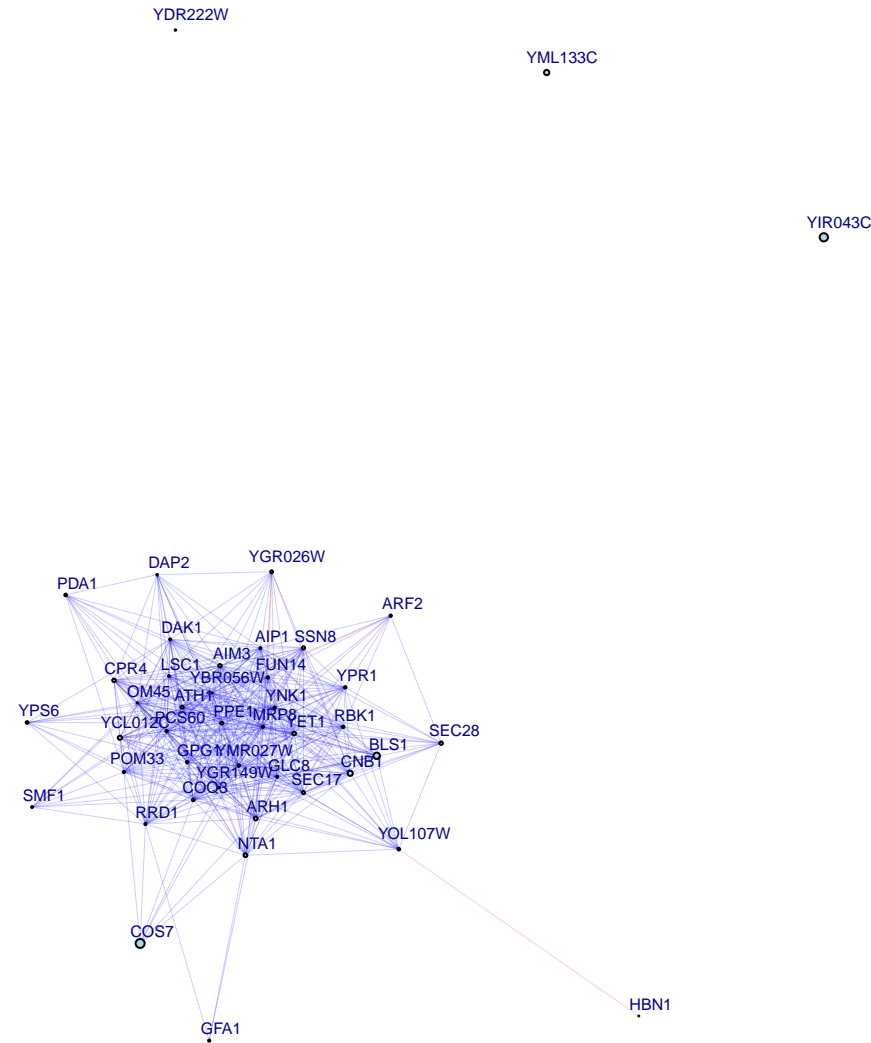
chrIV:1521369_A/C top 50 down genes



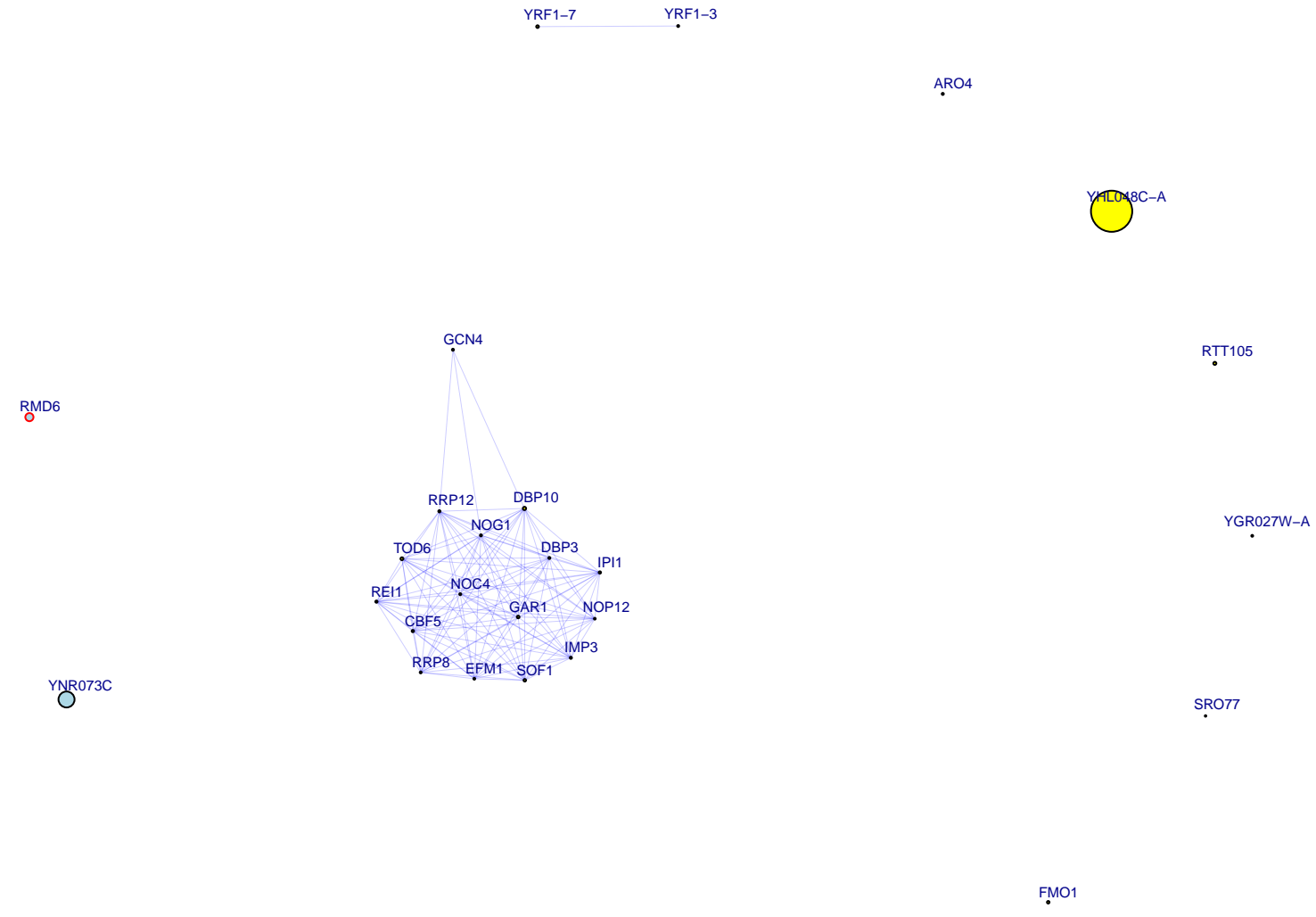
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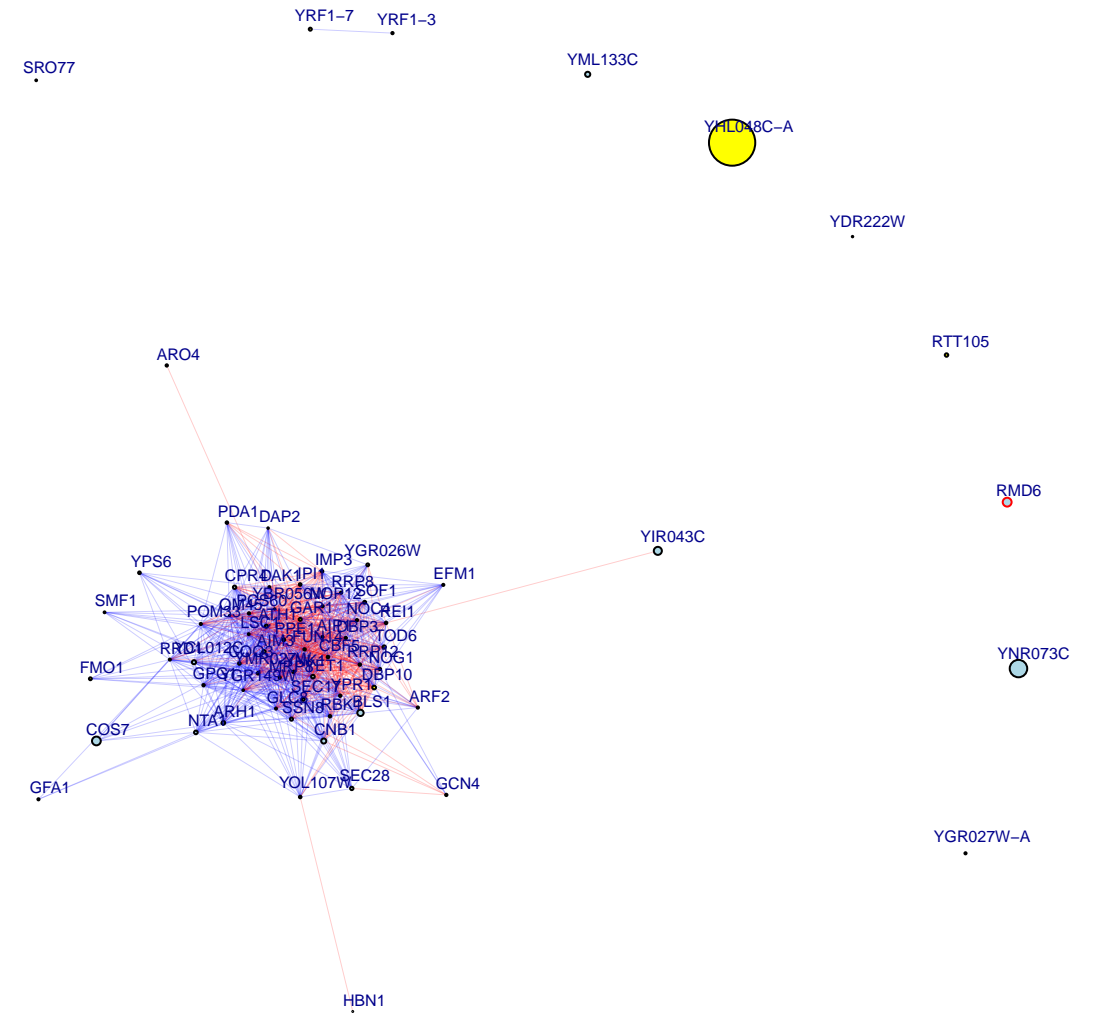
chrV:11186_T/C top 46 up genes



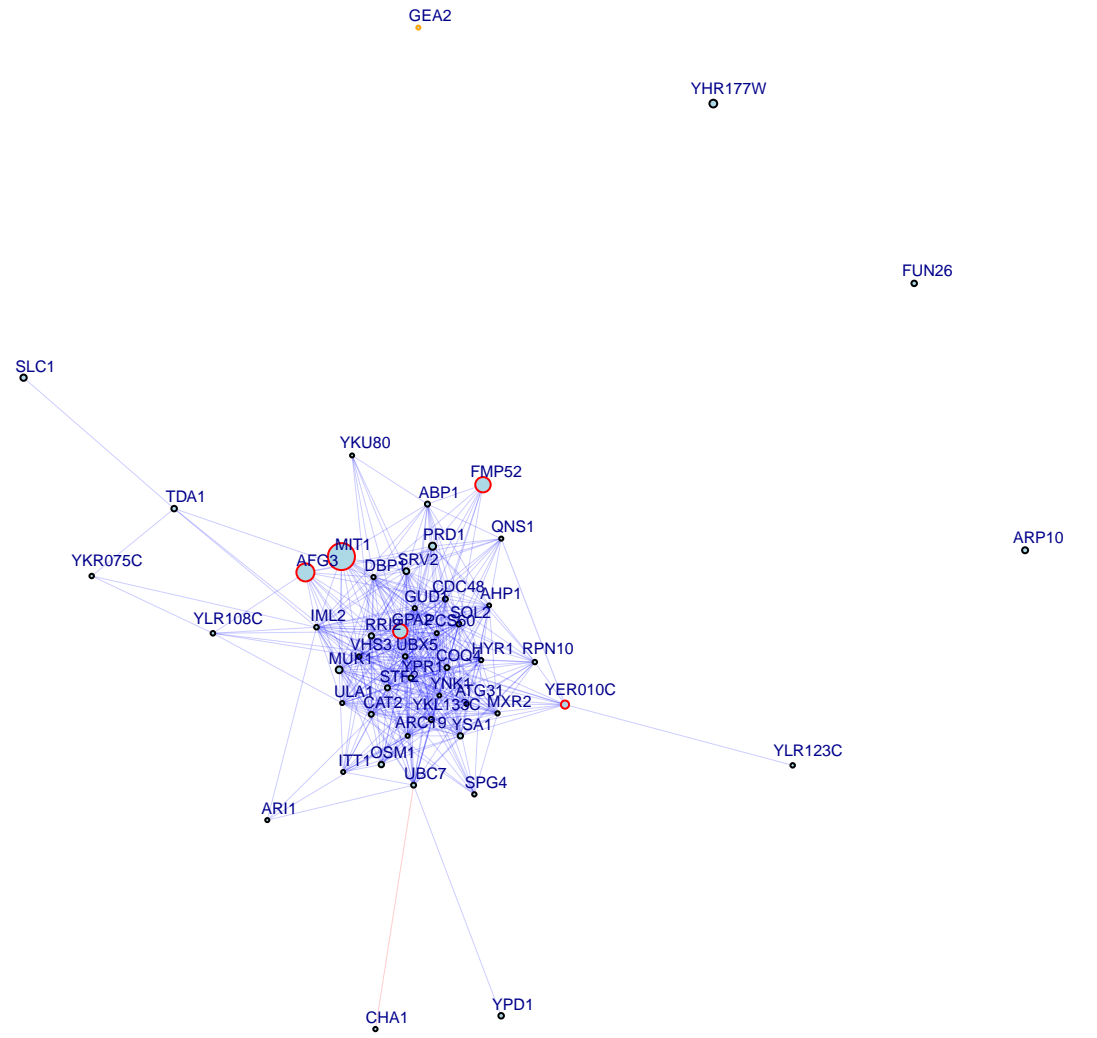
chrV:11186_T/C top 24 down genes



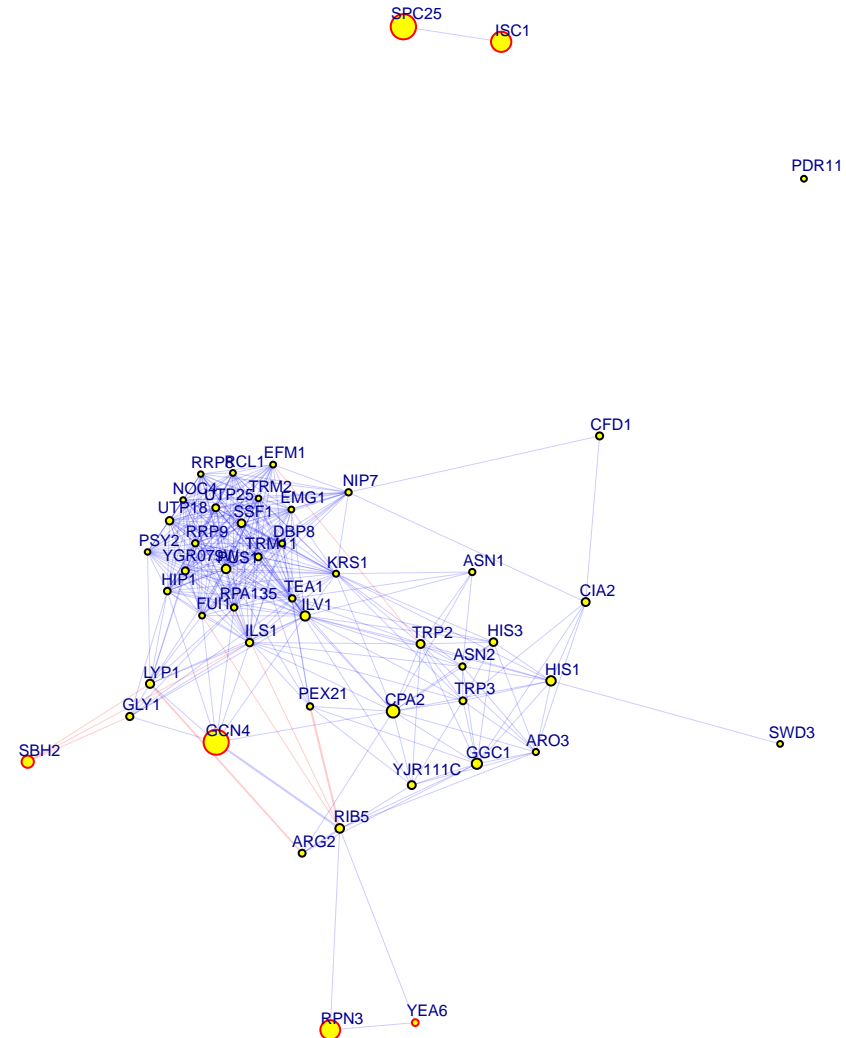
chrV:11186_T/C top 70 up and down genes



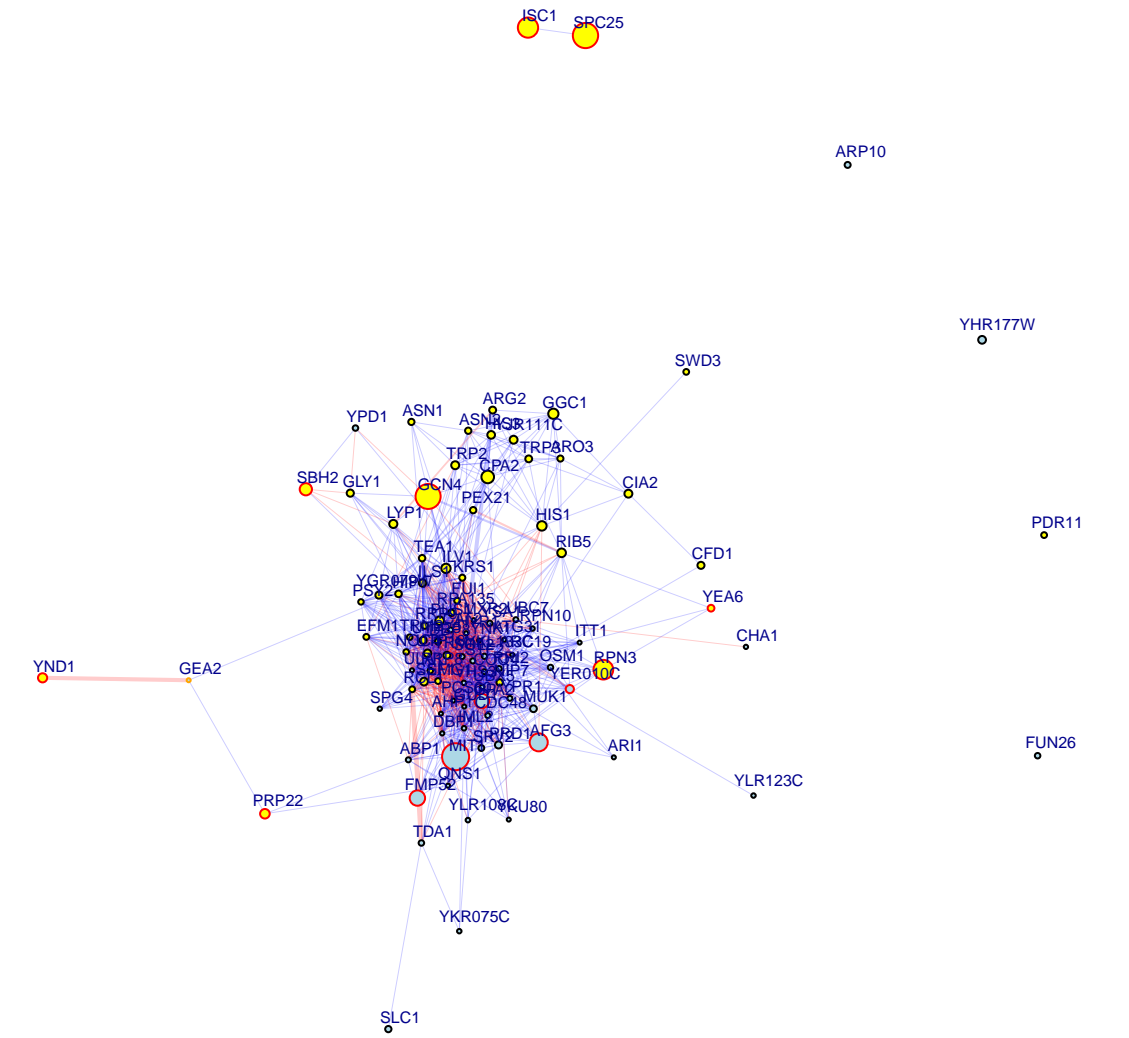
chrV:183957_A/G top 50 up genes



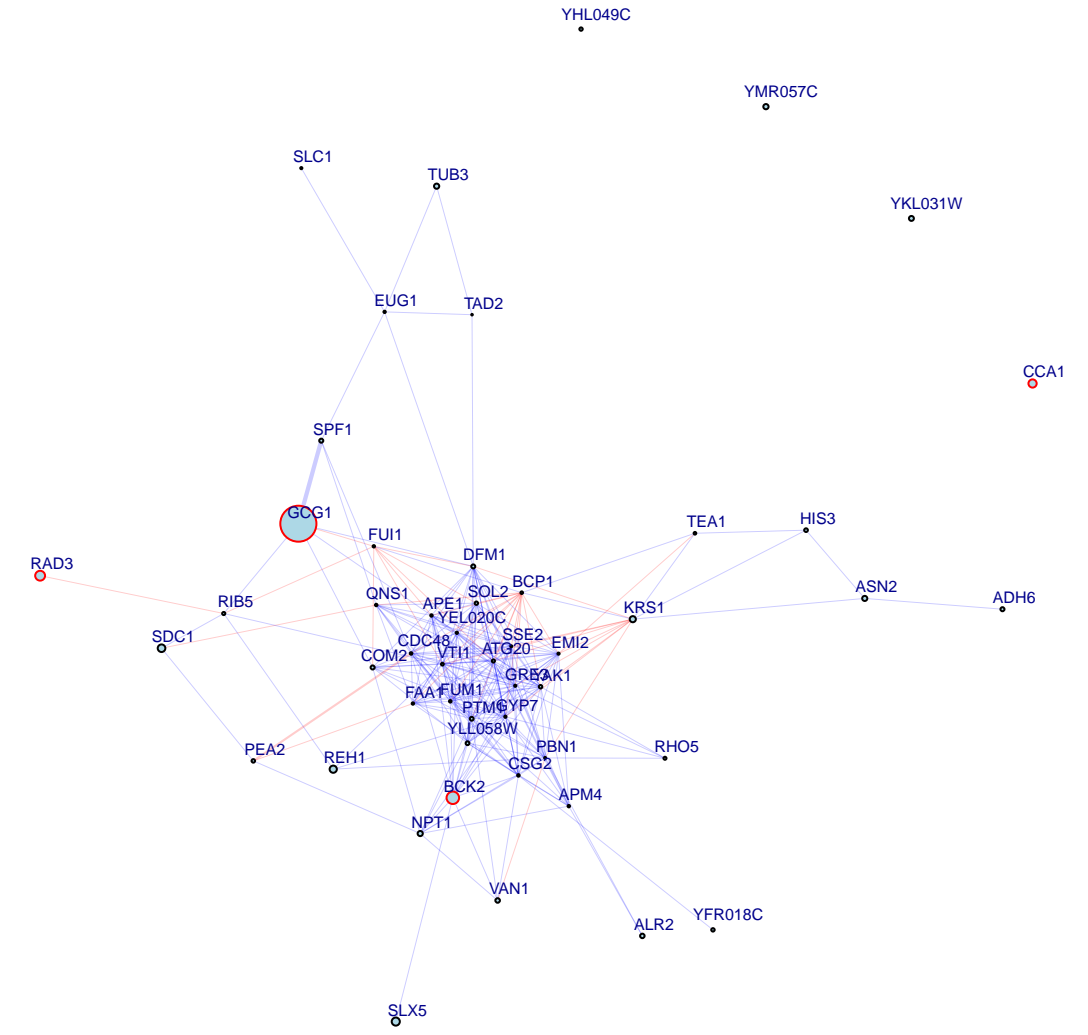
chrV:183957_A/G top 50 down genes



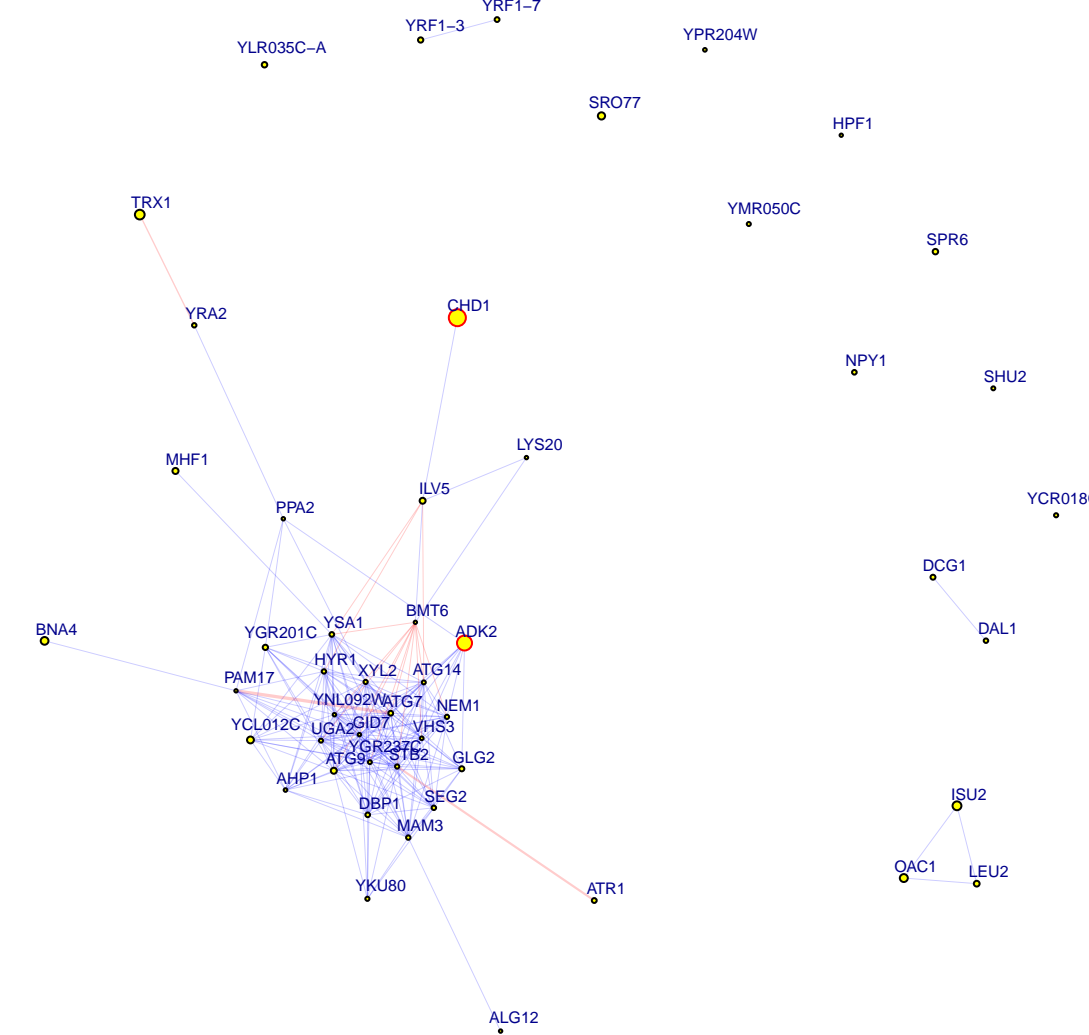
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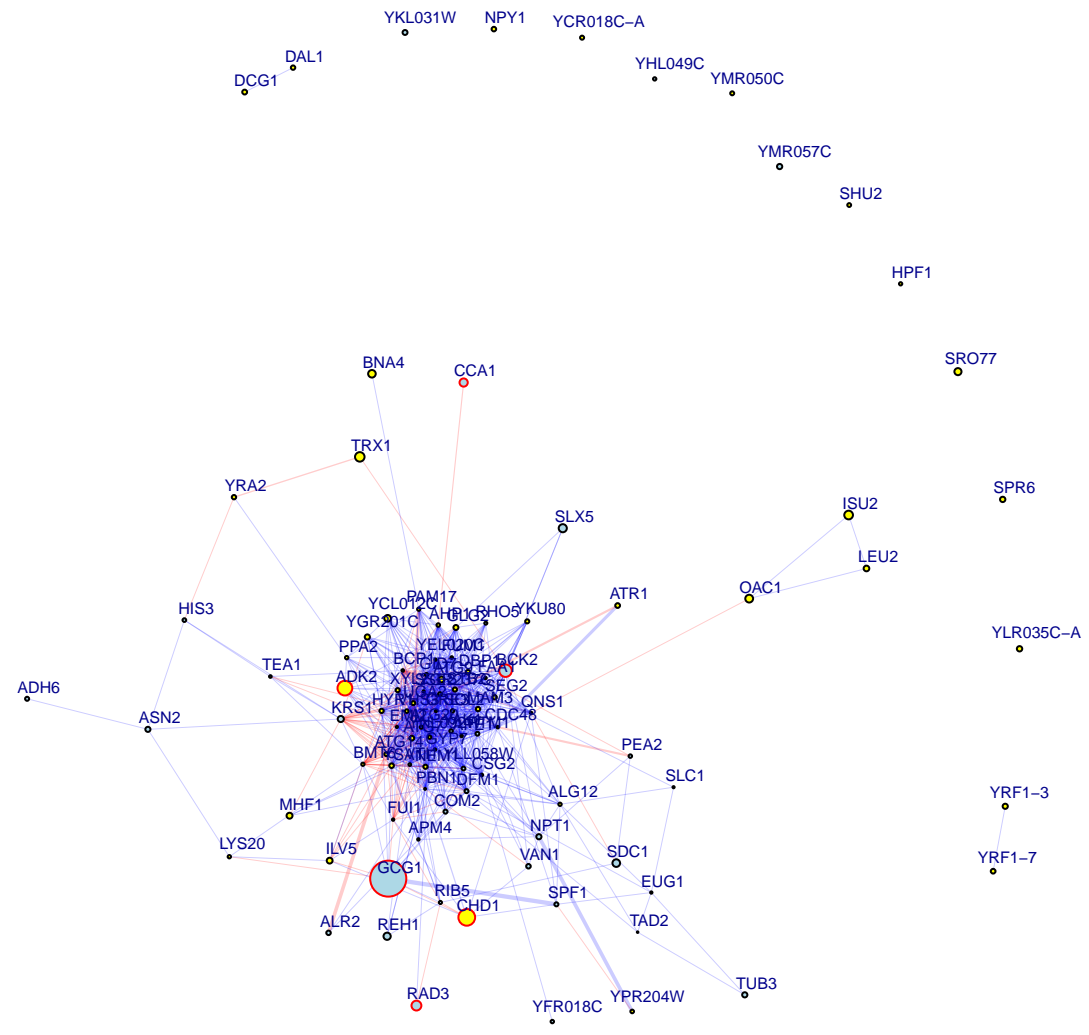
chrV:524625_A/T top 50 up genes



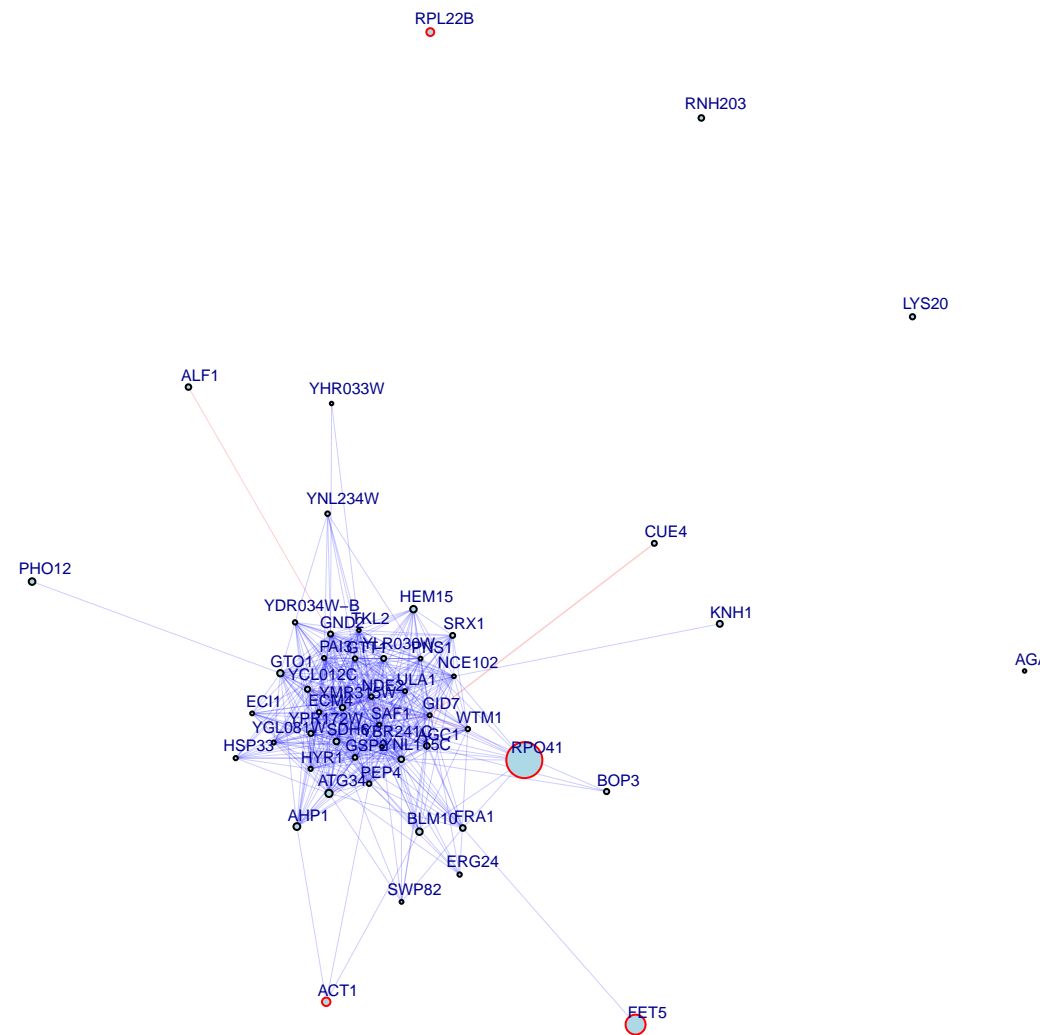
chrV:524625_A/T top 50 down genes



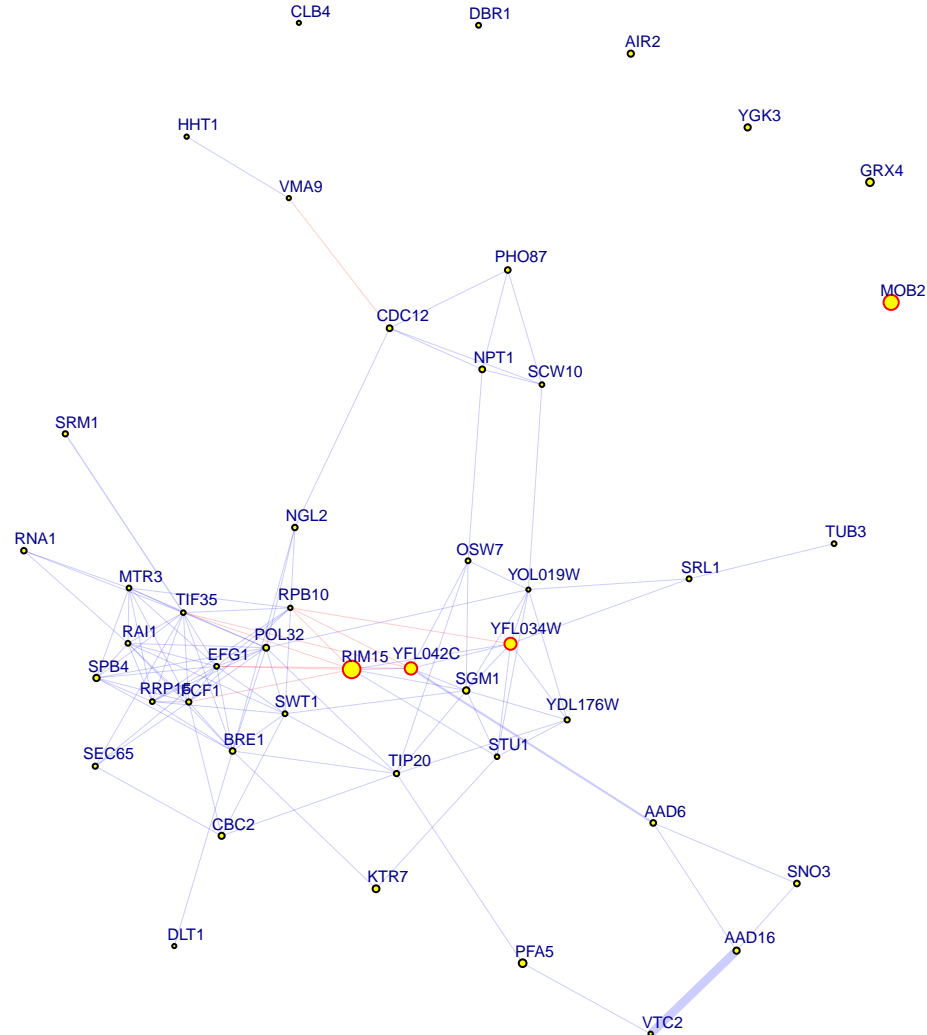
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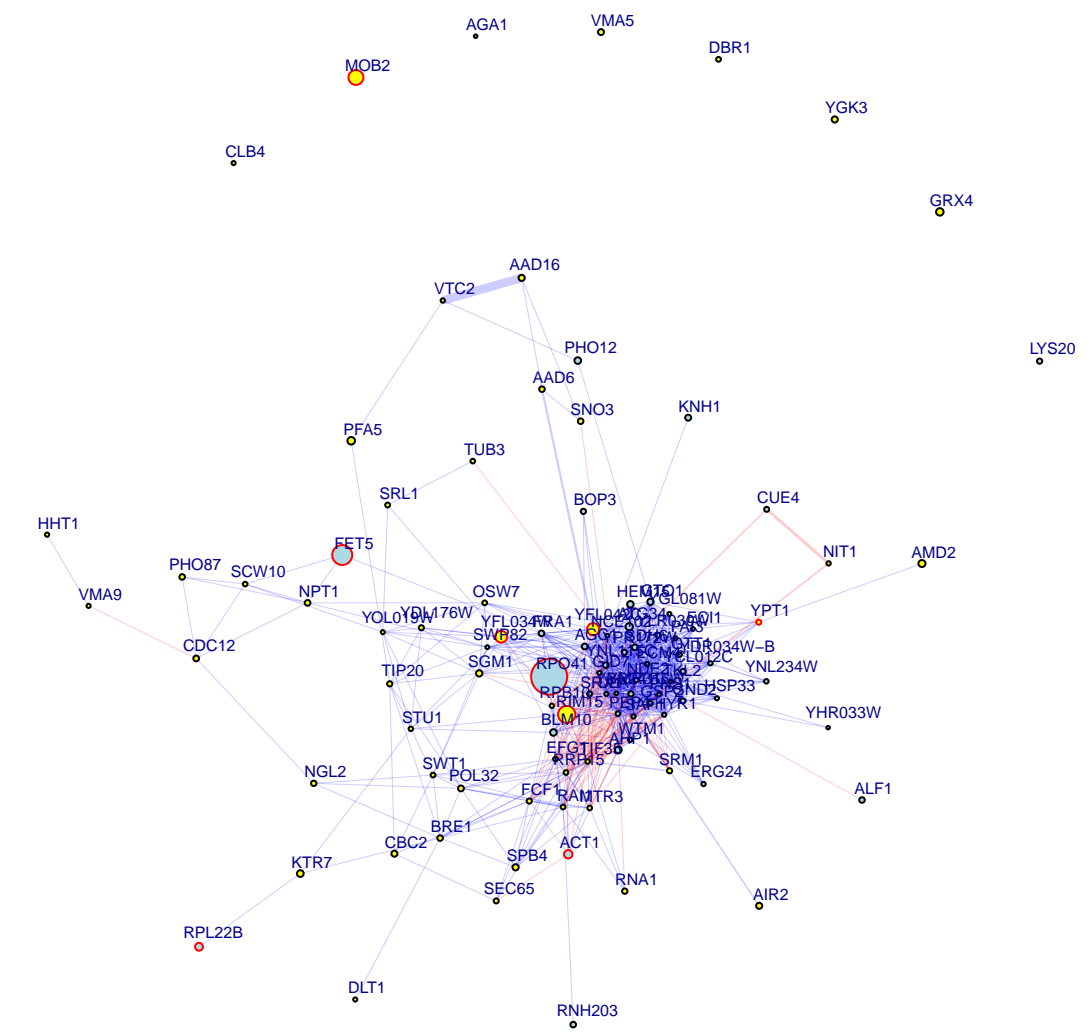
chrVI:71959_C/T top 50 up genes



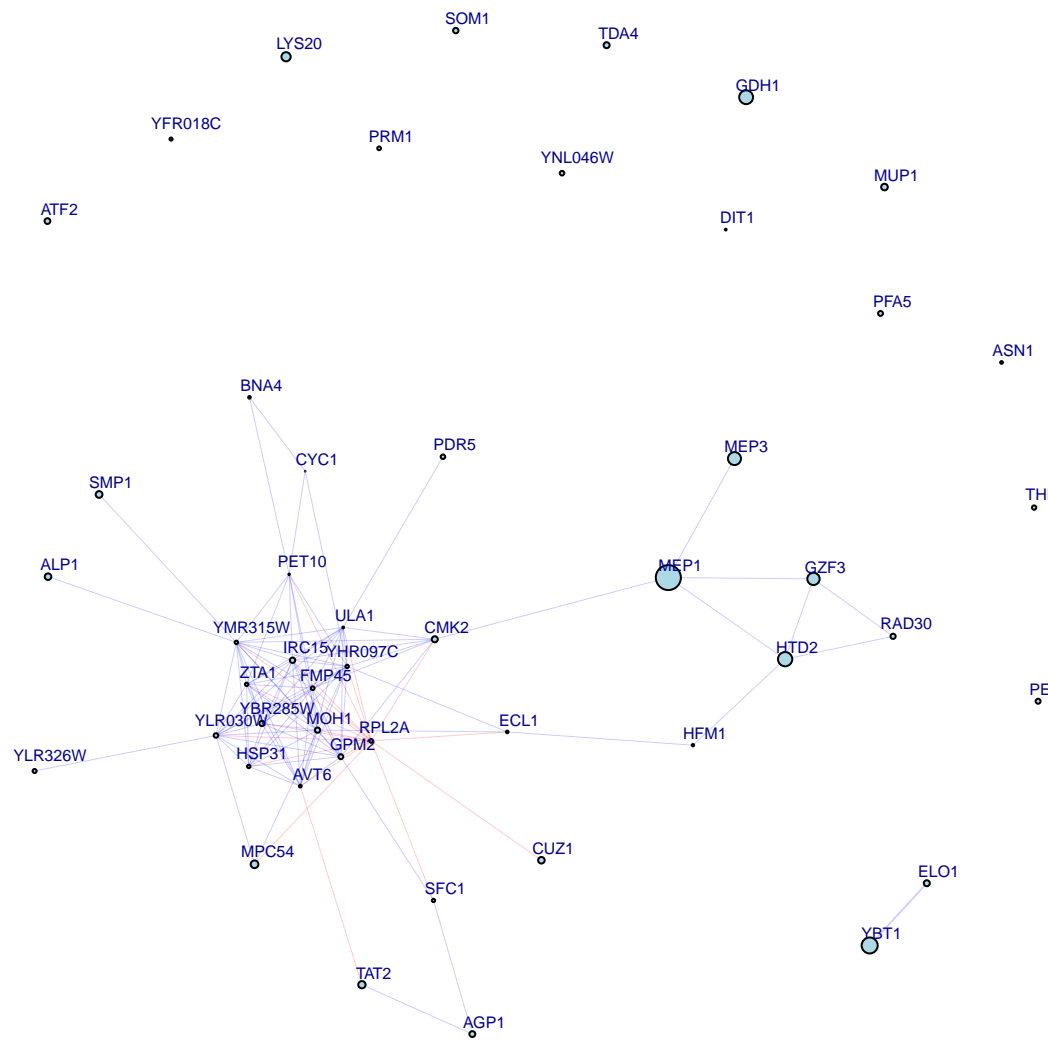
chrVI:71959_C/T top 50 down genes



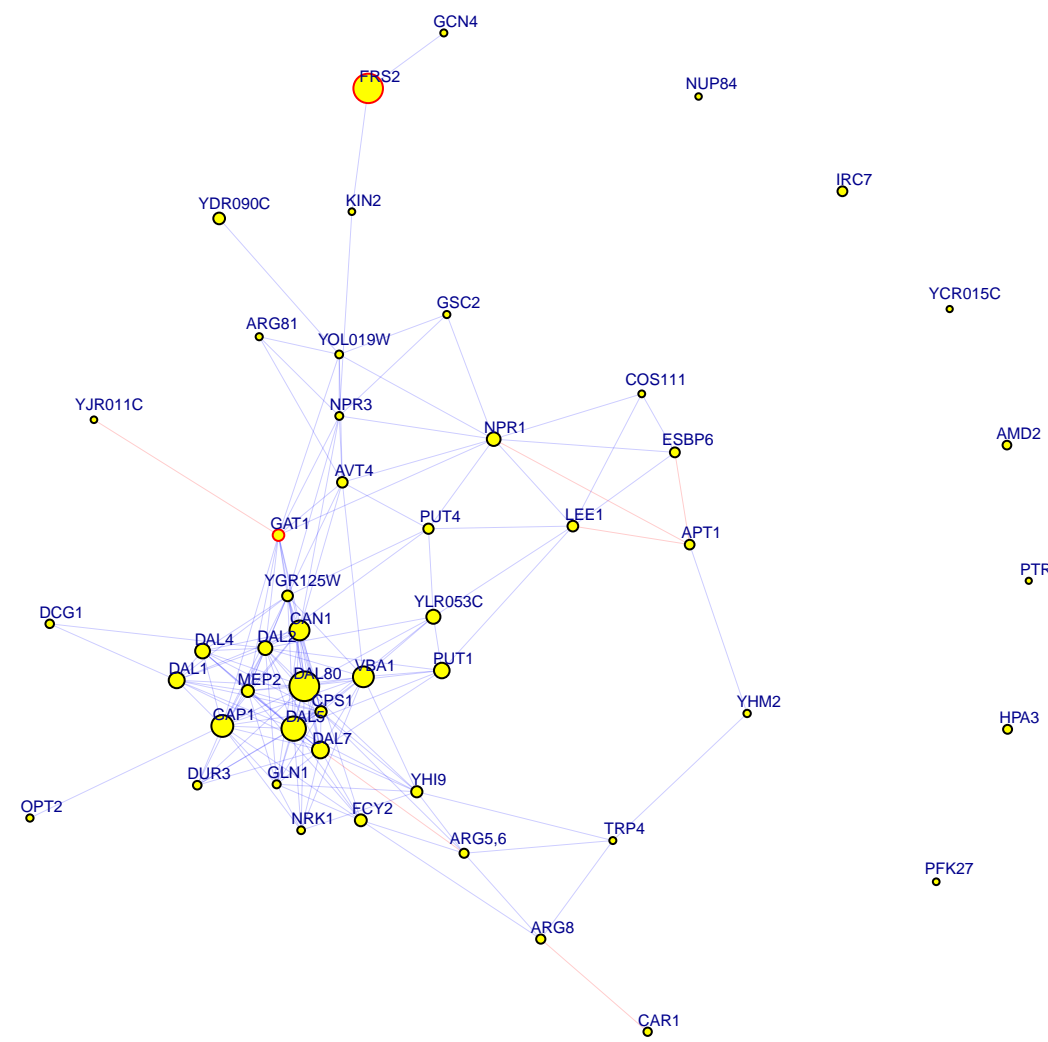
chrVI:71959_C/T top 100 up and down genes



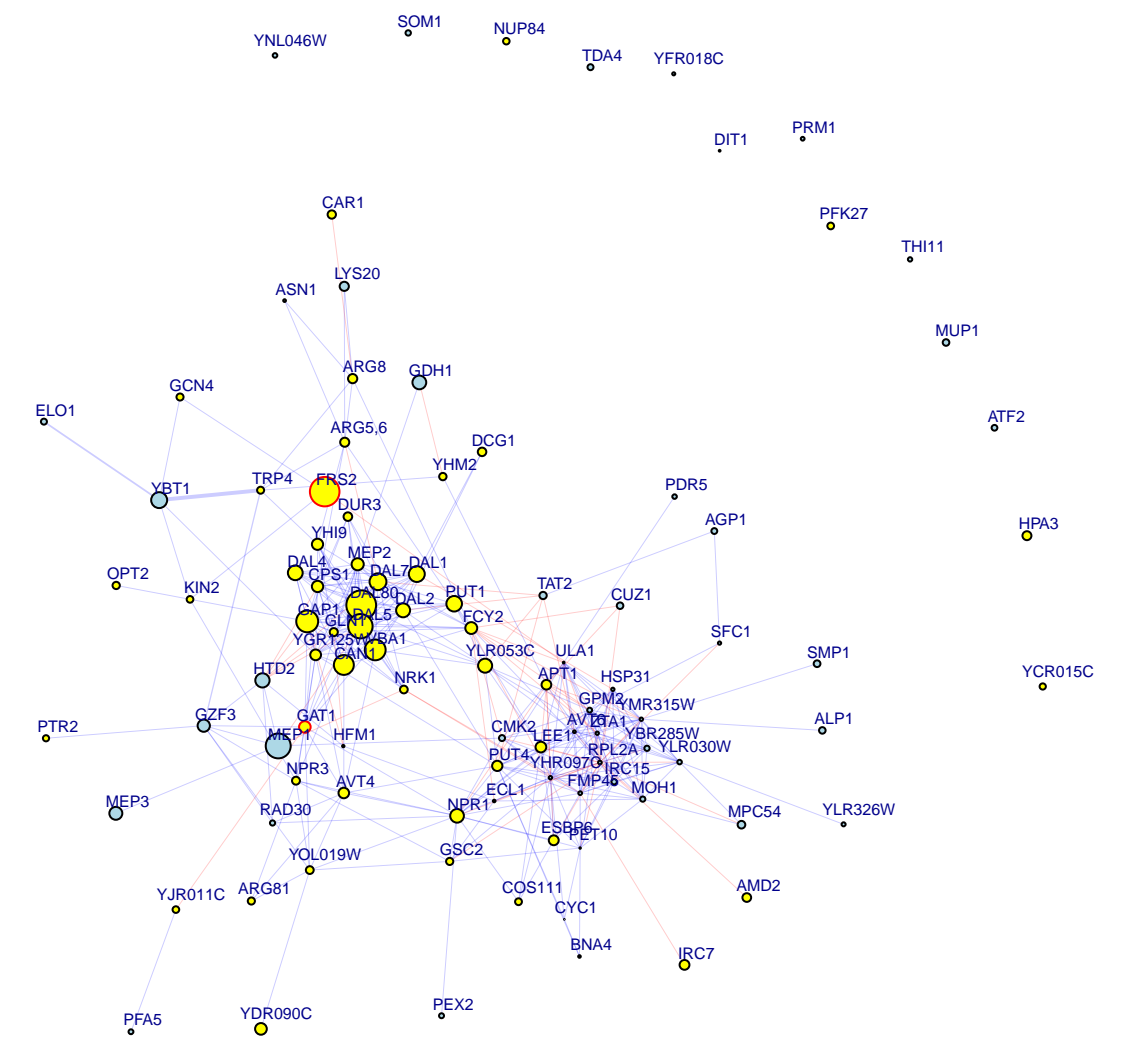
chrVI:95849_T/C top 49 up genes



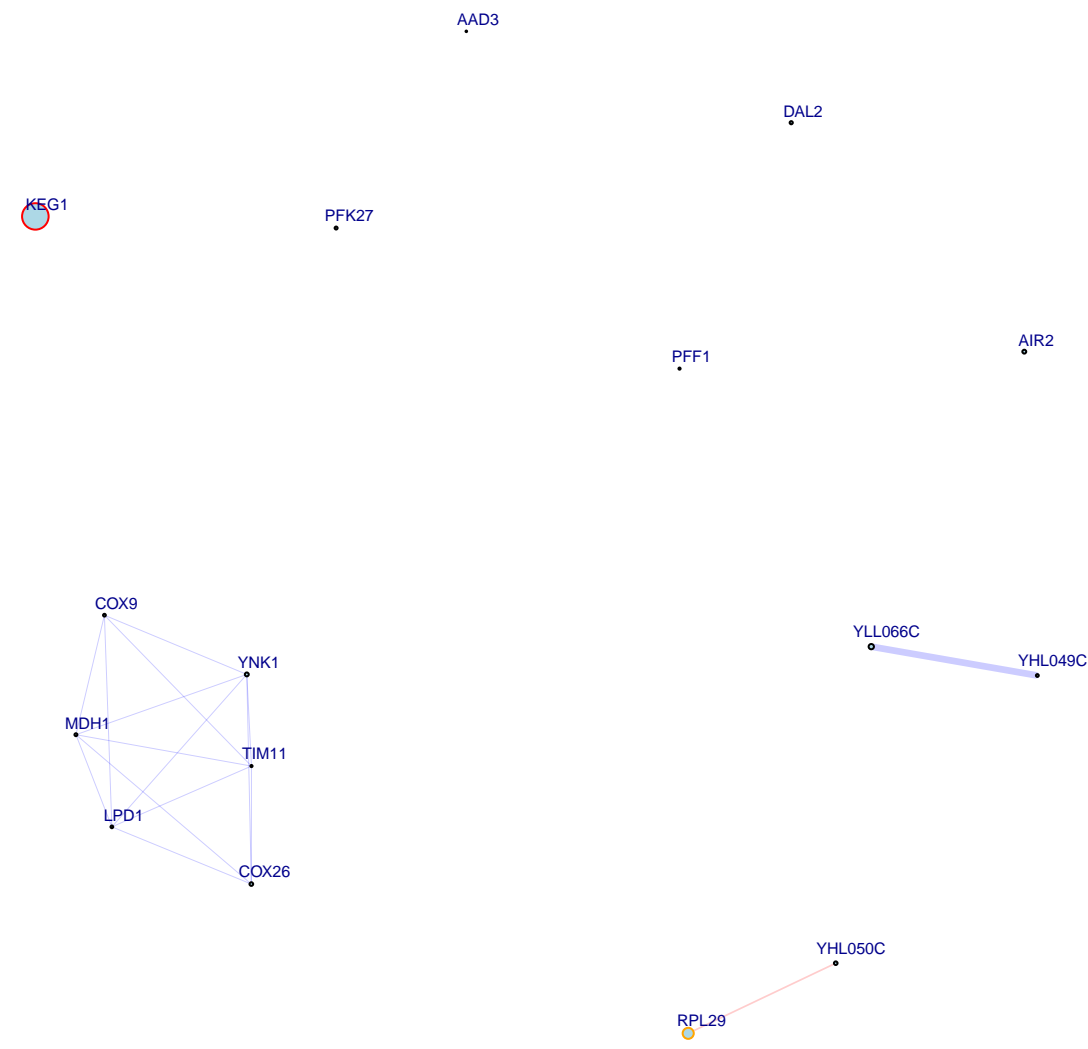
chrVI:95849_T/C top 50 down genes



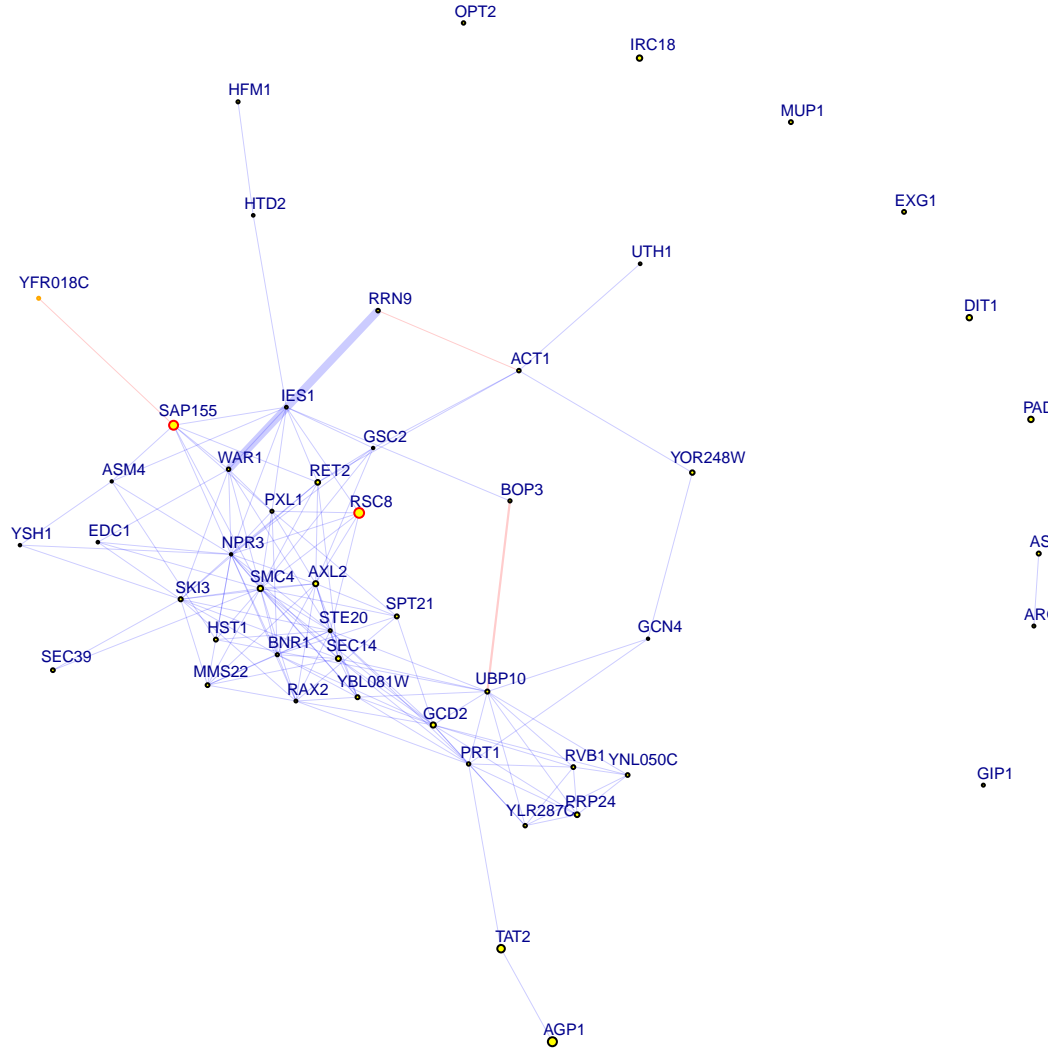
chrVI:95849_T/C top 99 up and down genes



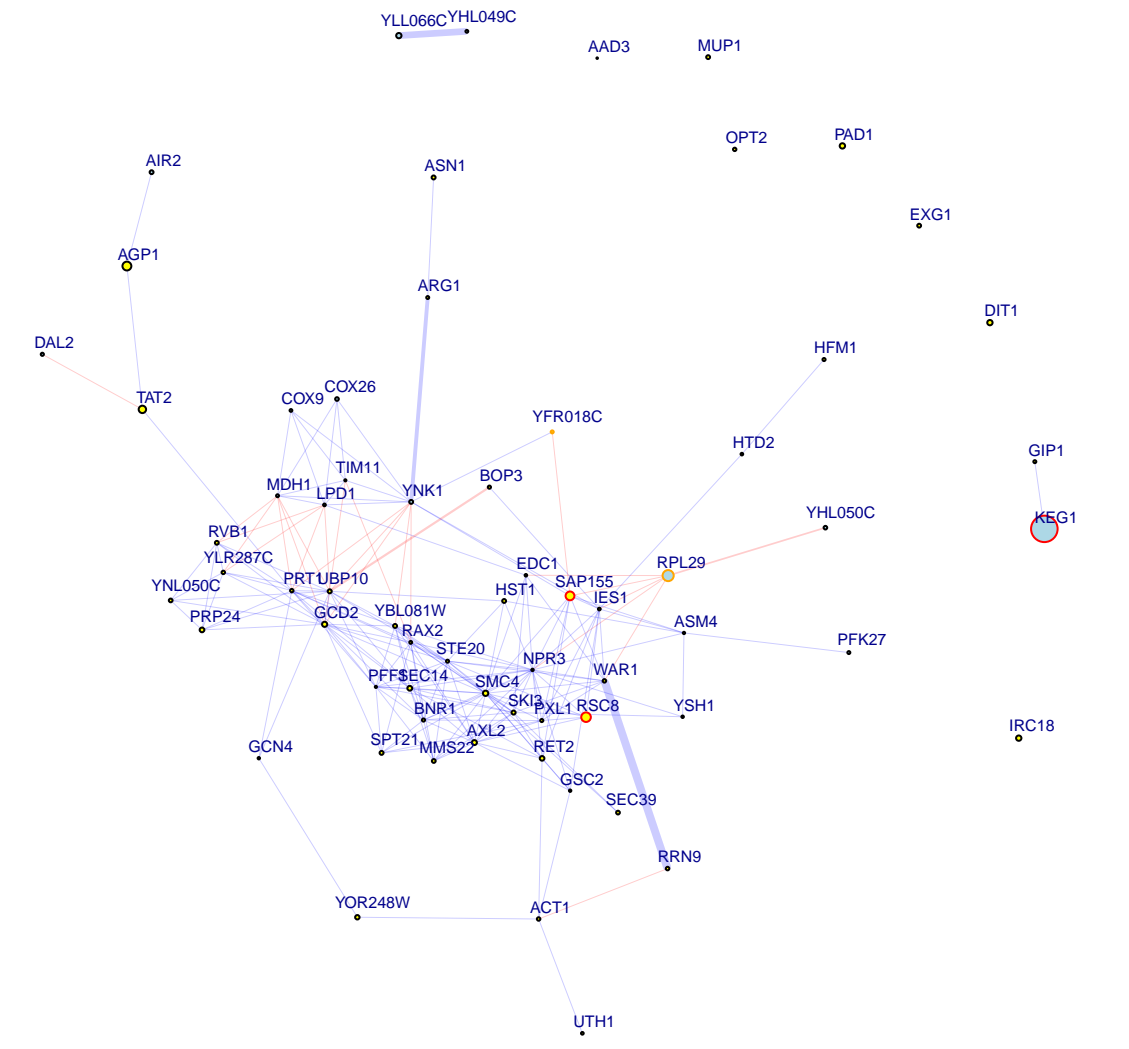
chrVI:229337_G/A top 16 up genes



chrVI:229337_G/A top 50 down genes



chrVI:229337_G/A top 66 up and down genes



chrVII:141743_C/T top 50 up genes

chrVII:141743_C/T top 50 down genes

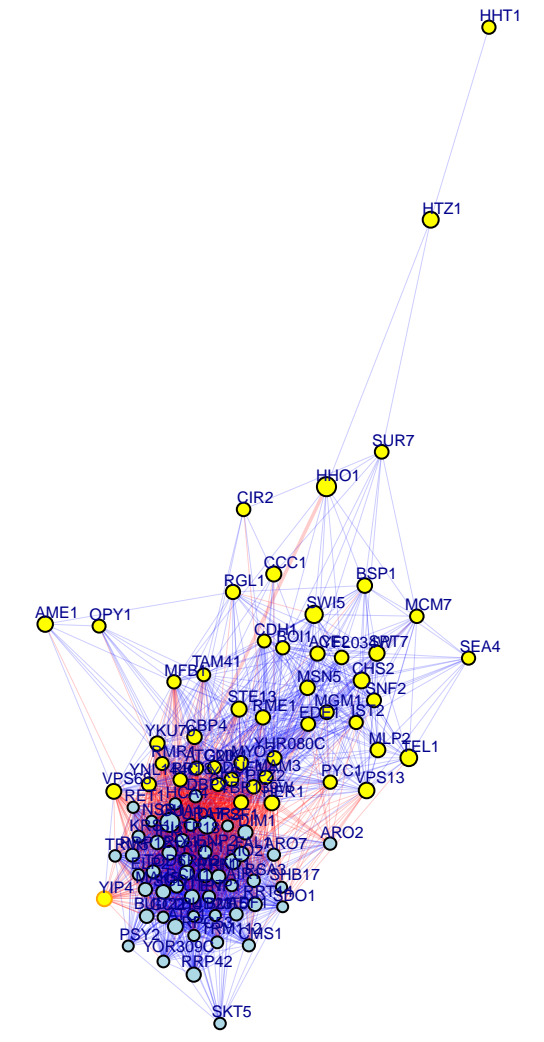
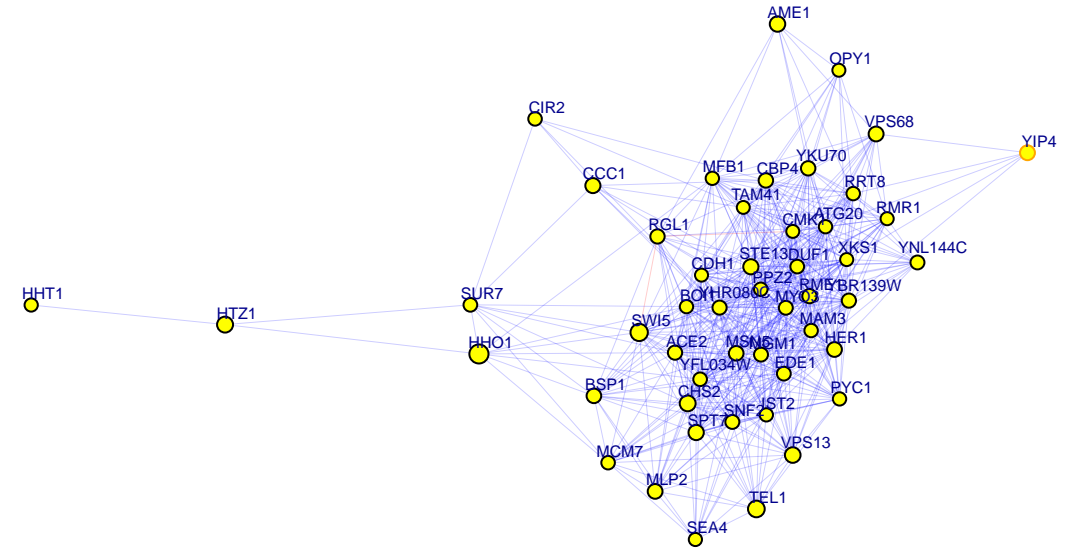
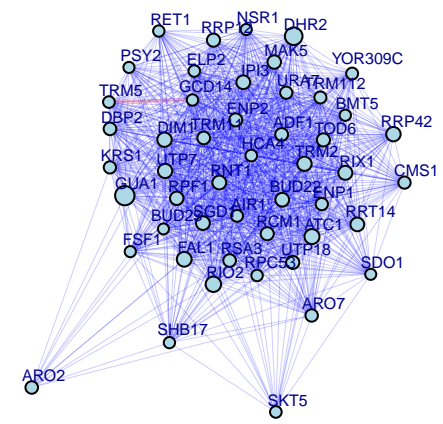
chrVII:141743_C/T top 100 up and down genes

ALP1

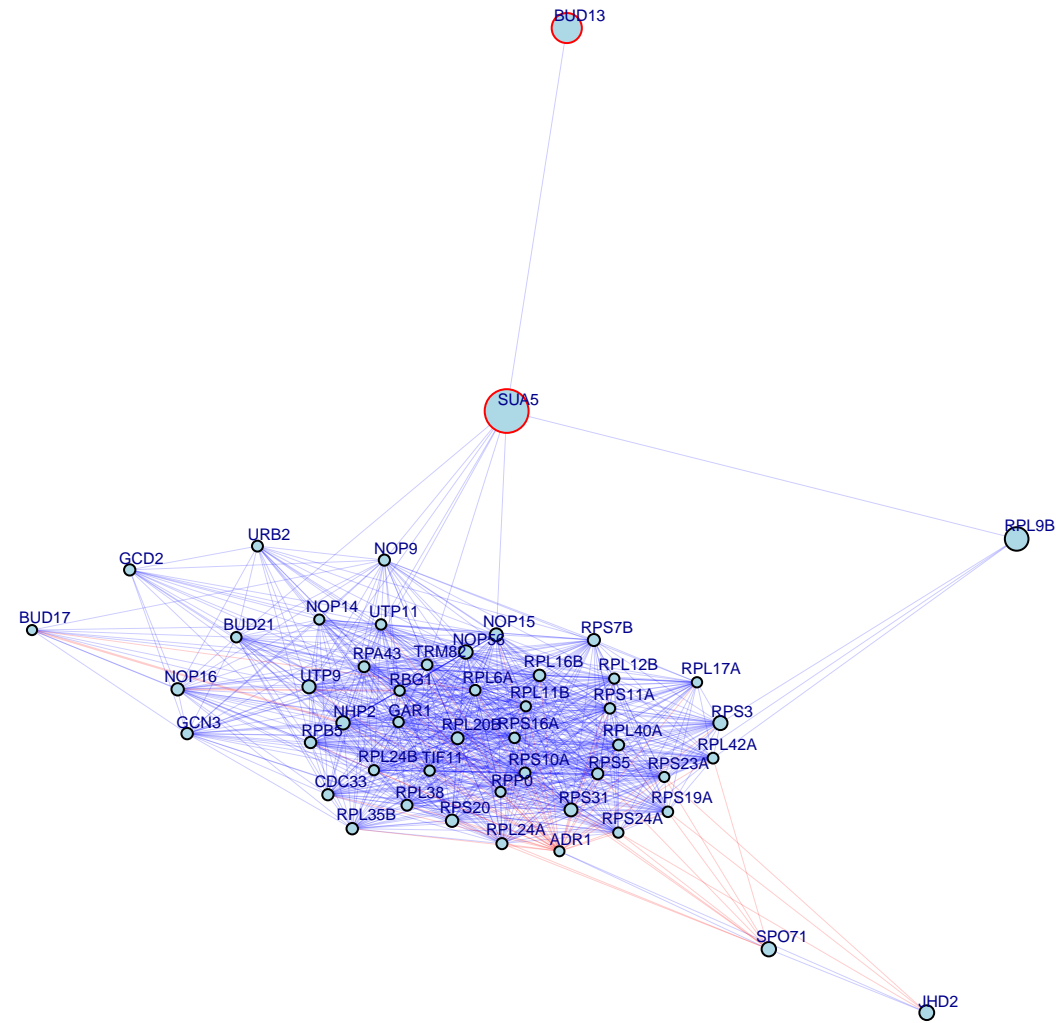
YGL193C

YGL193C

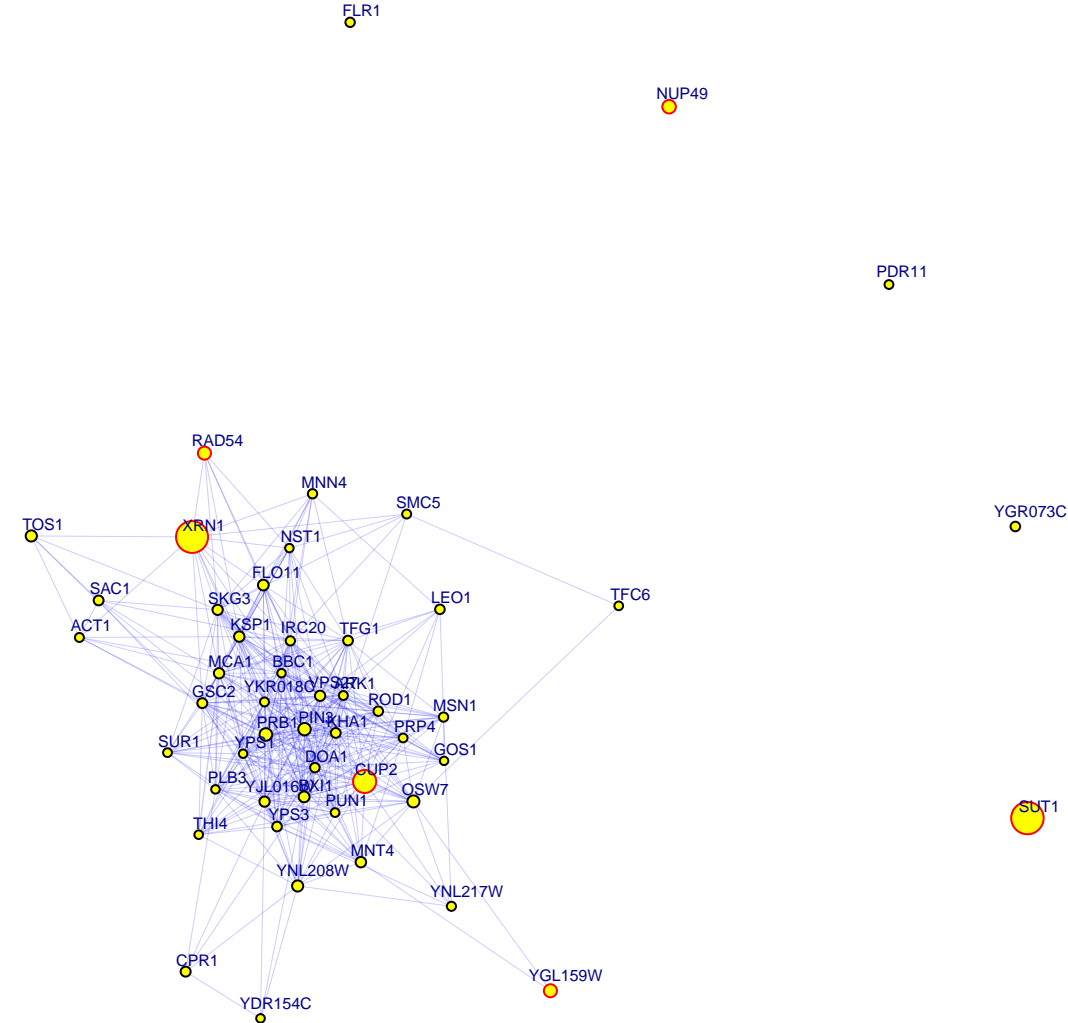
ALP1



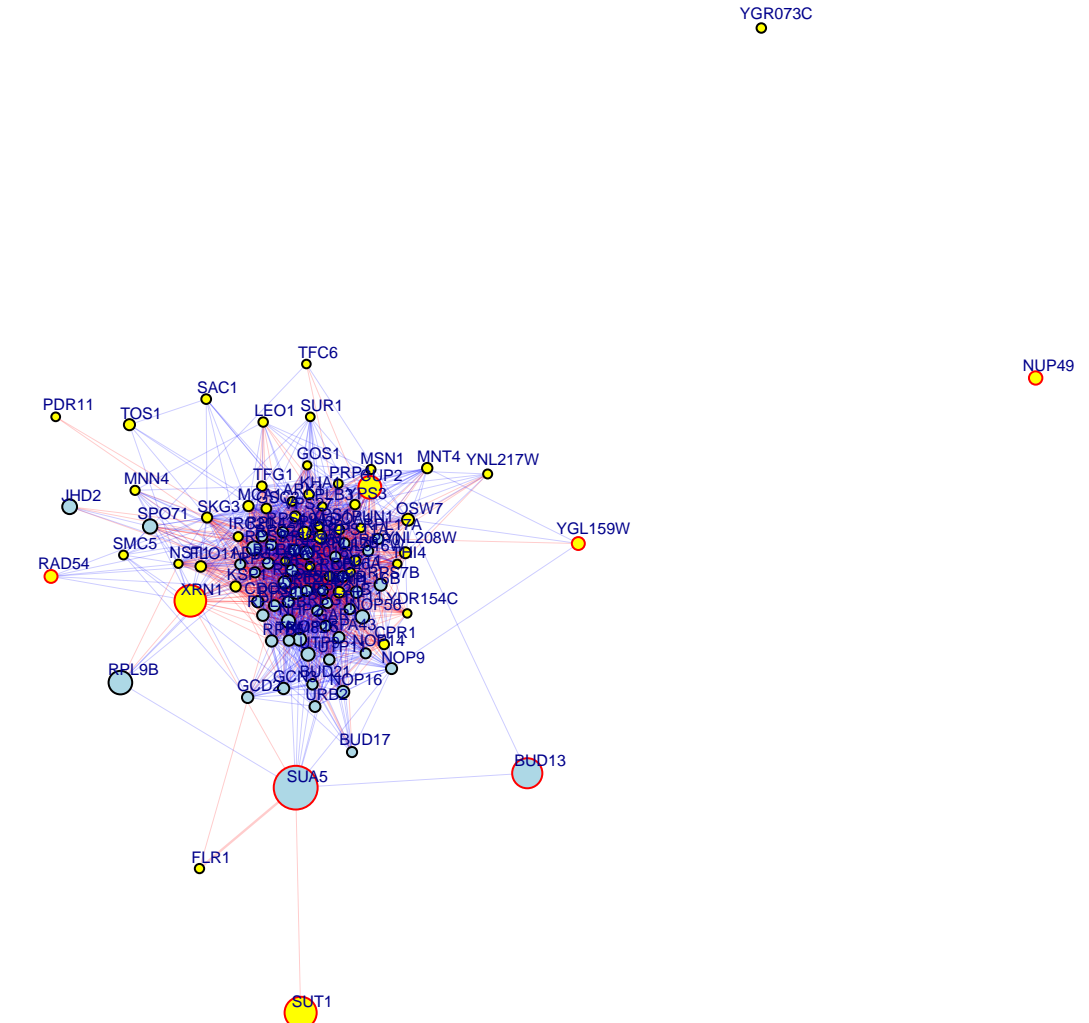
chrVII:178509_T/C top 50 up genes



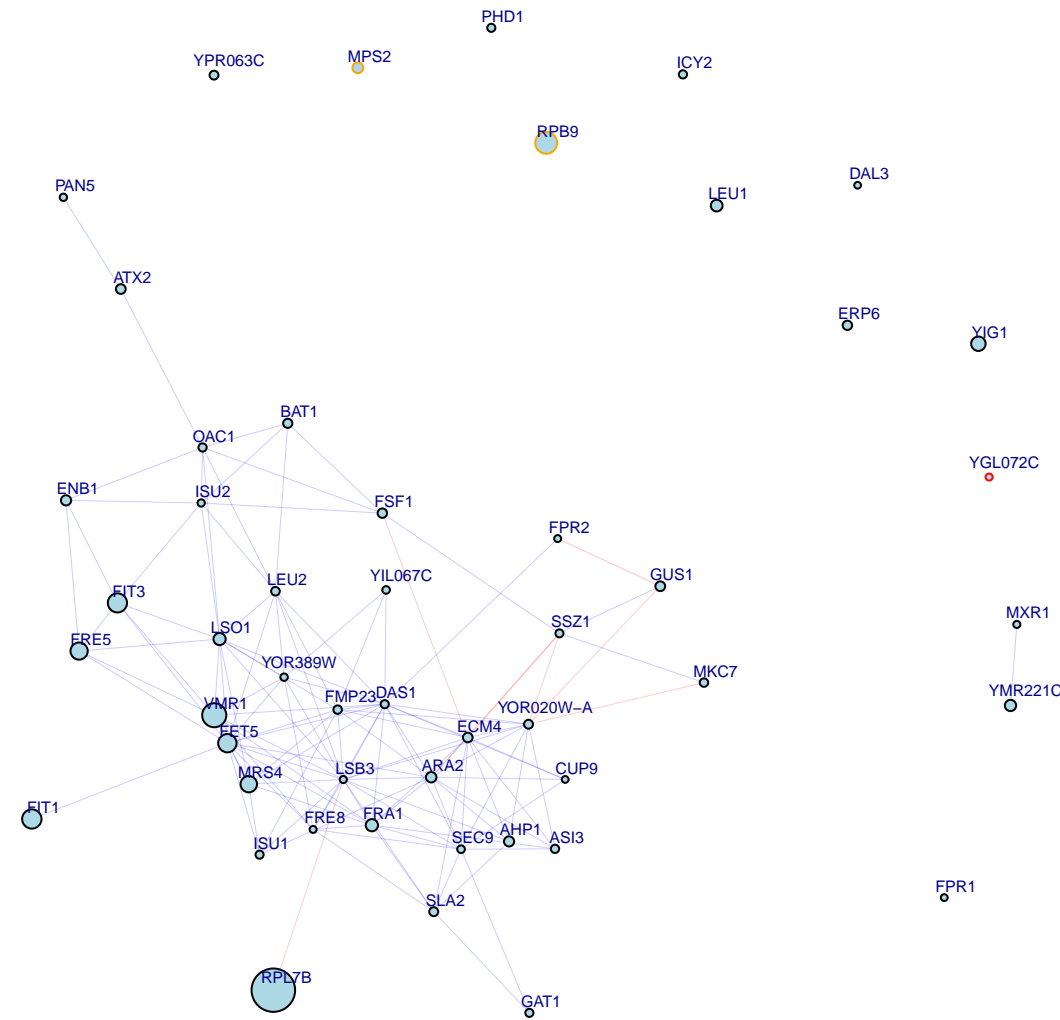
chrVII:178509_T/C top 50 down genes



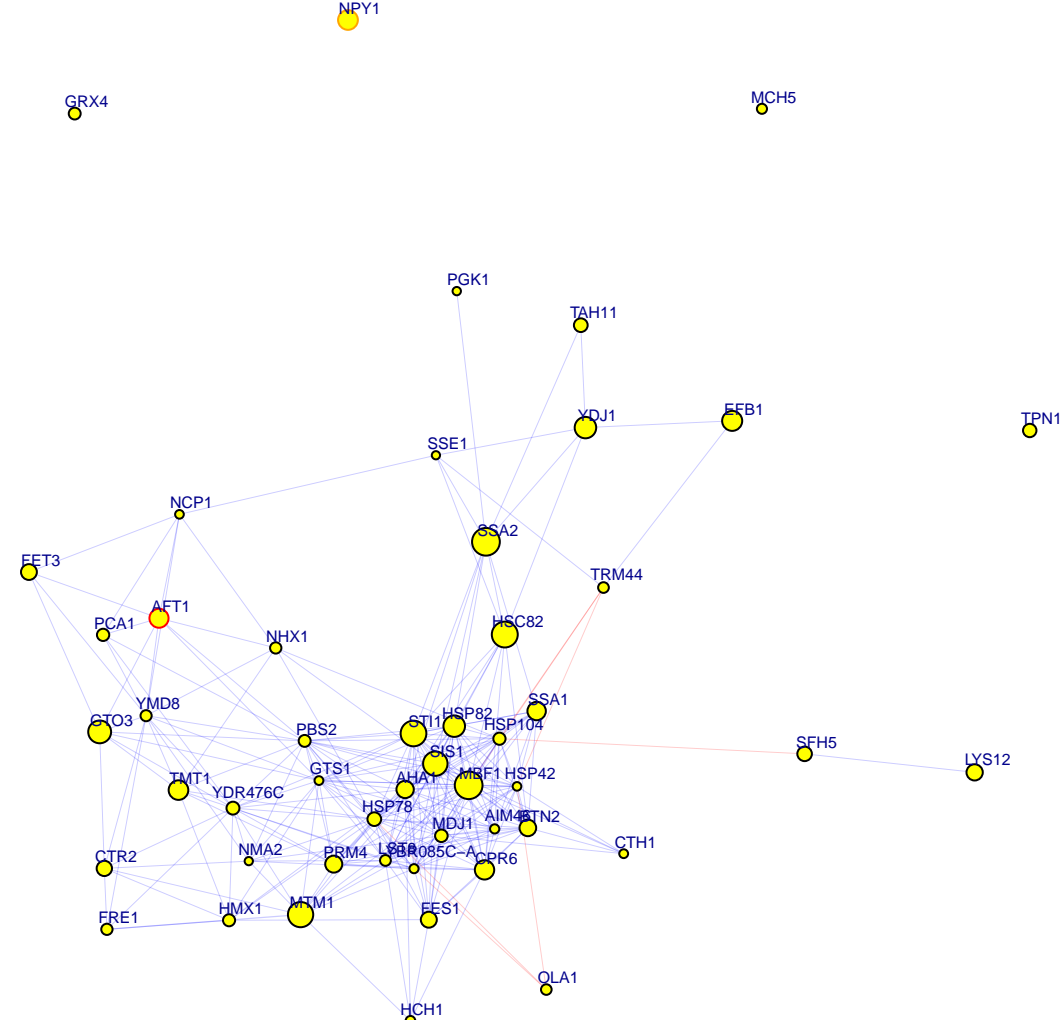
chrVII:178509_T/C top 100 up and down genes



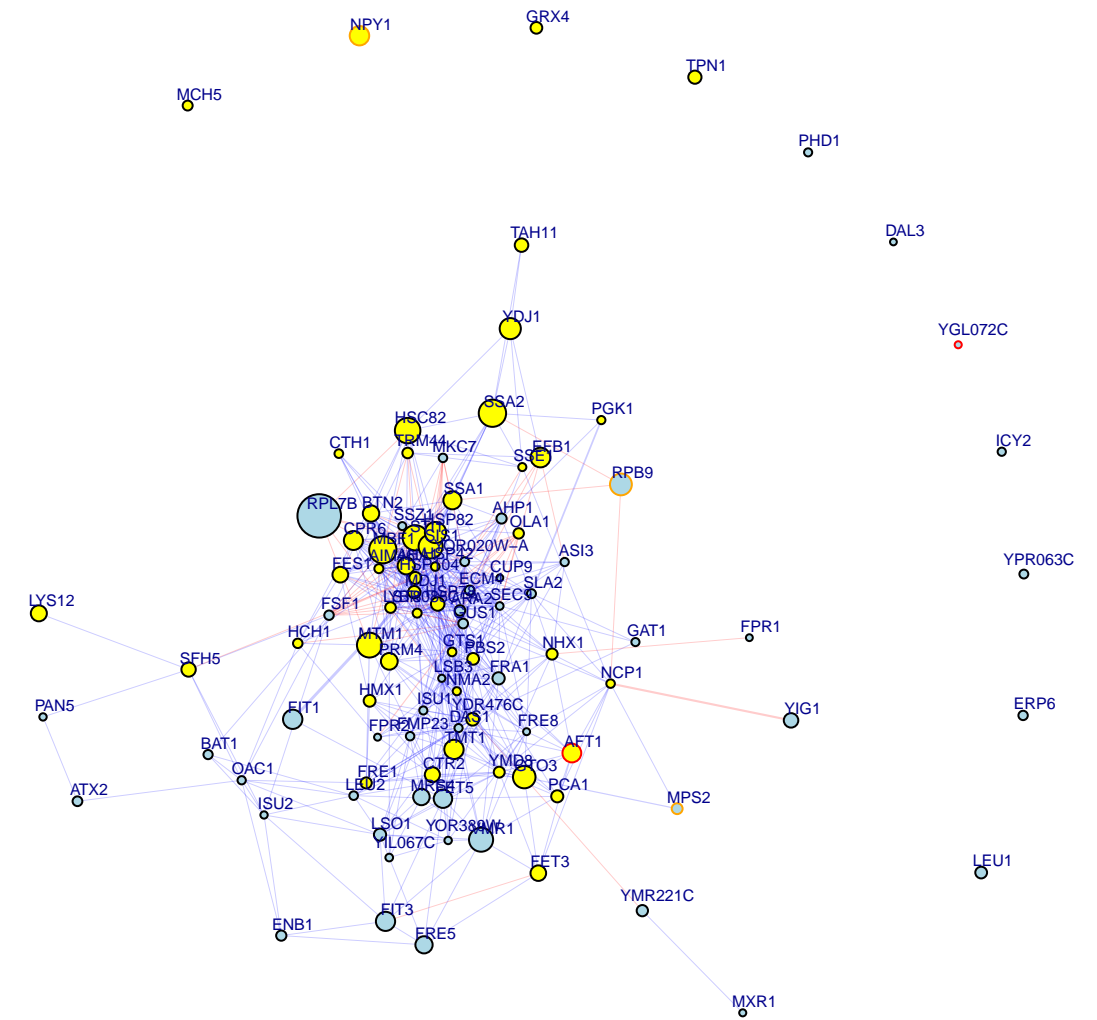
chrVII:372033_G/C top 50 up genes



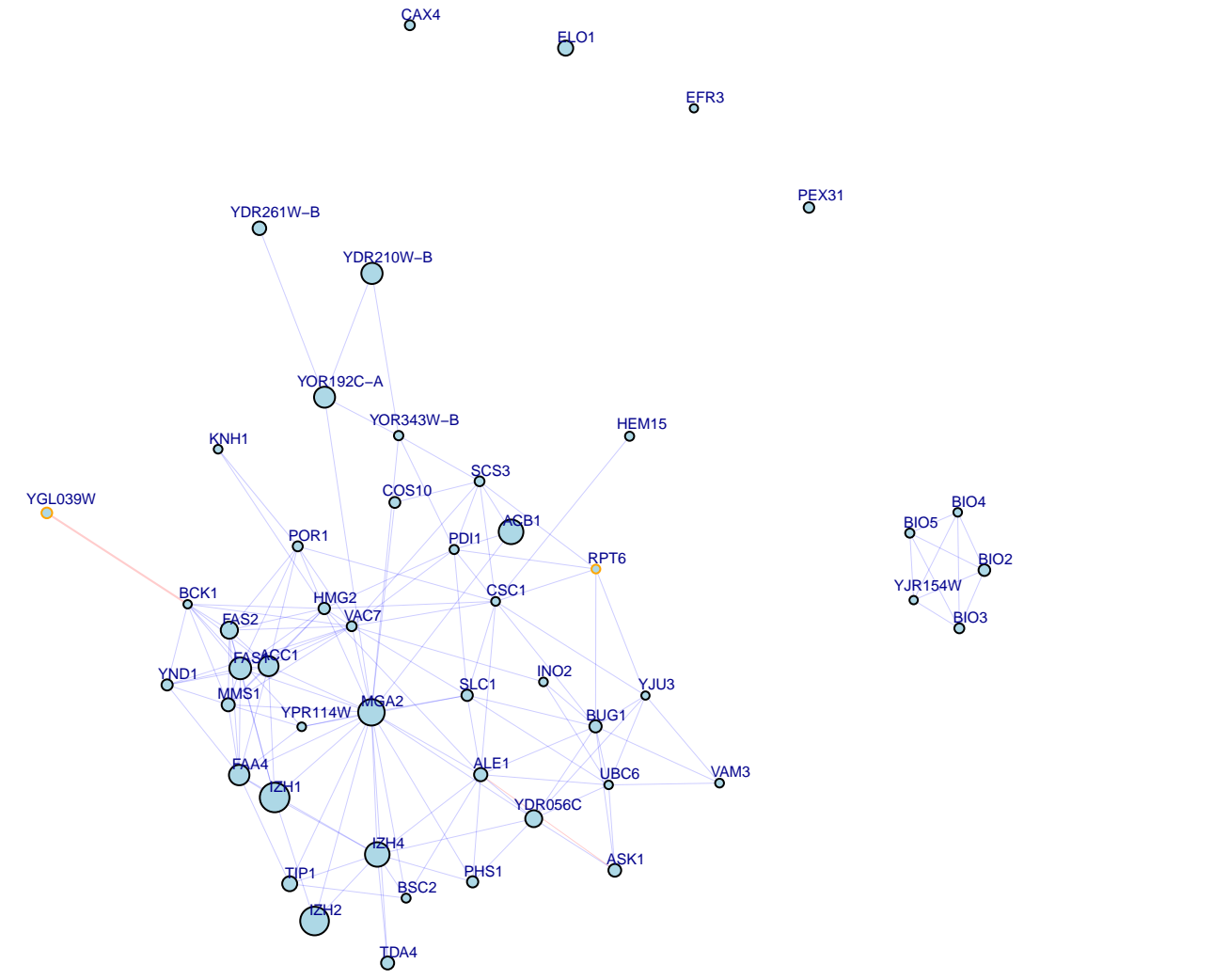
chrVII:372033_G/C top 50 down genes



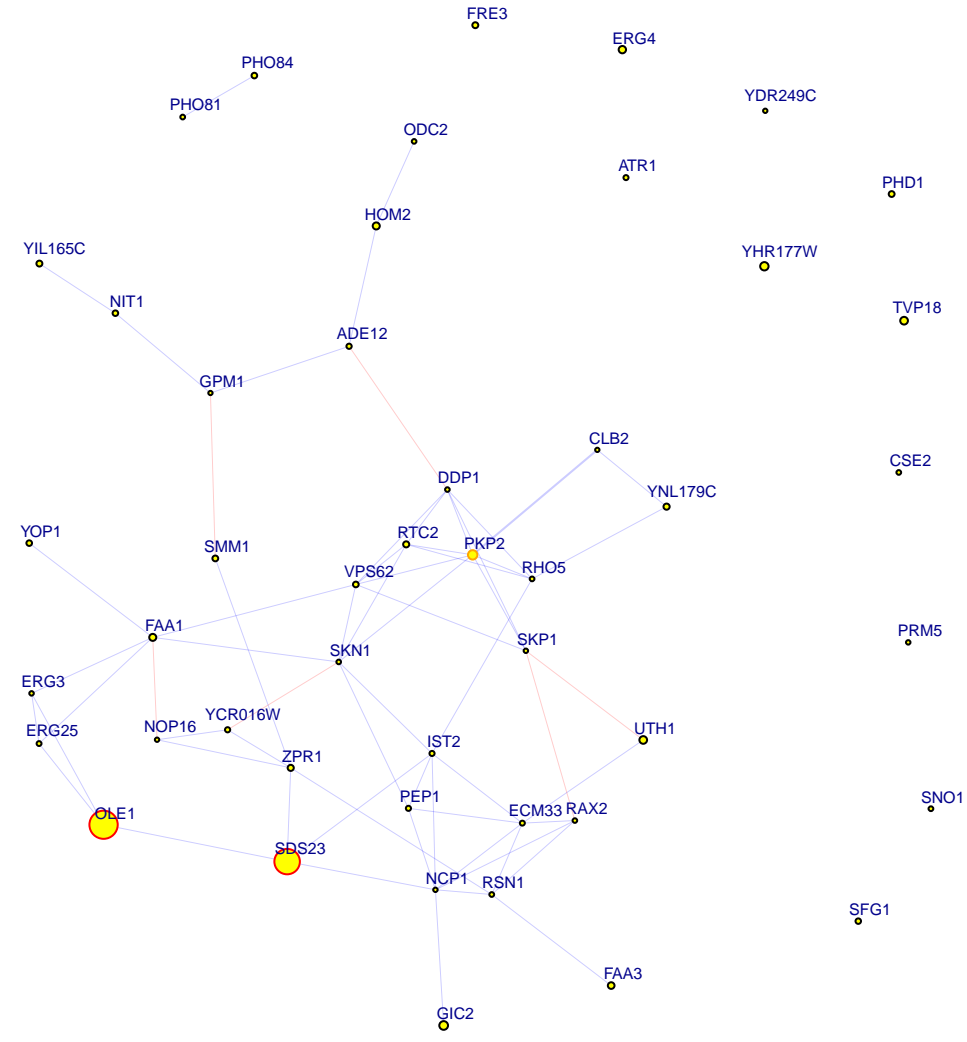
chrVII:372033_G/C top 100 up and down genes



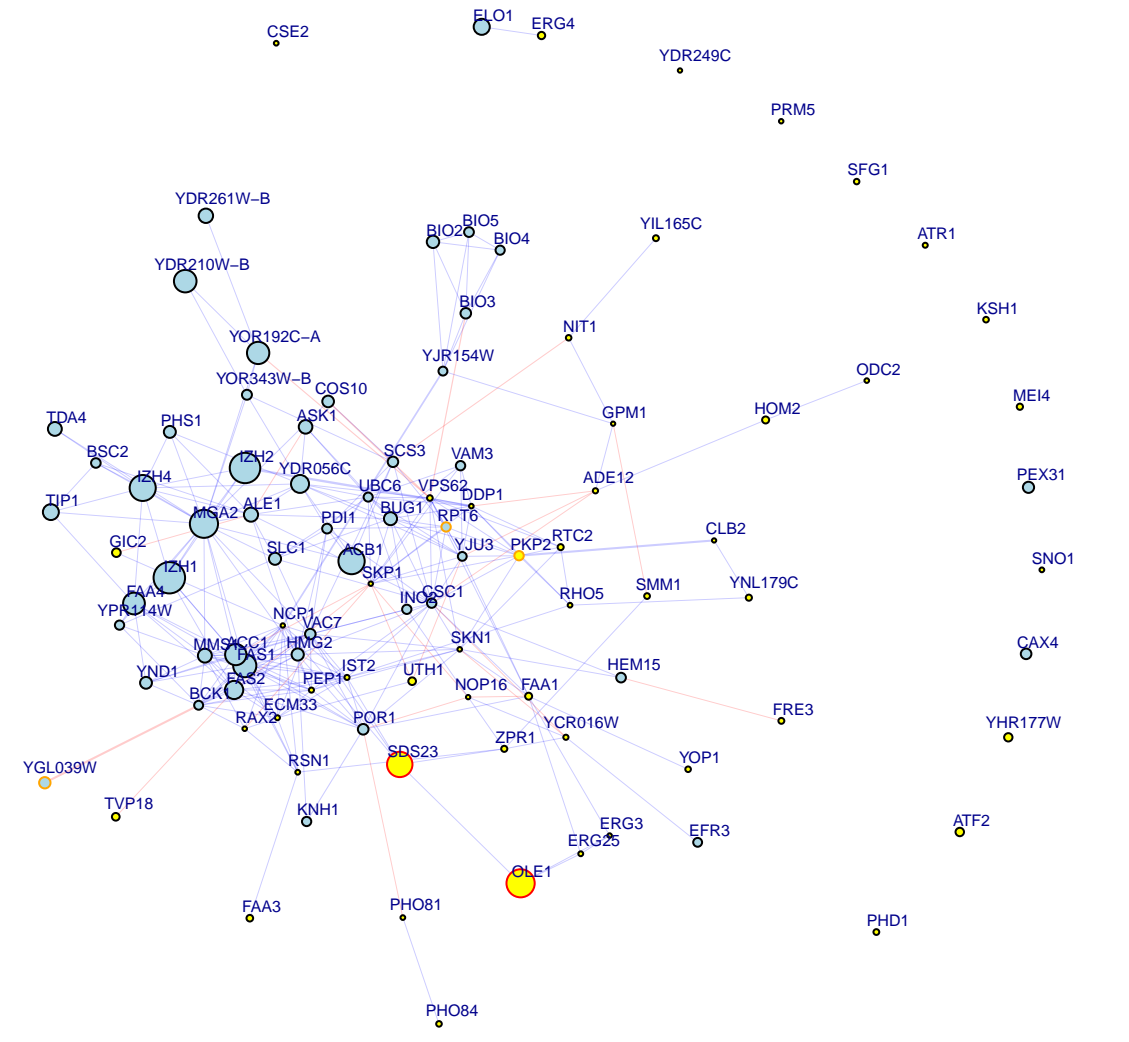
chrVII:397449_G/A top 50 up genes



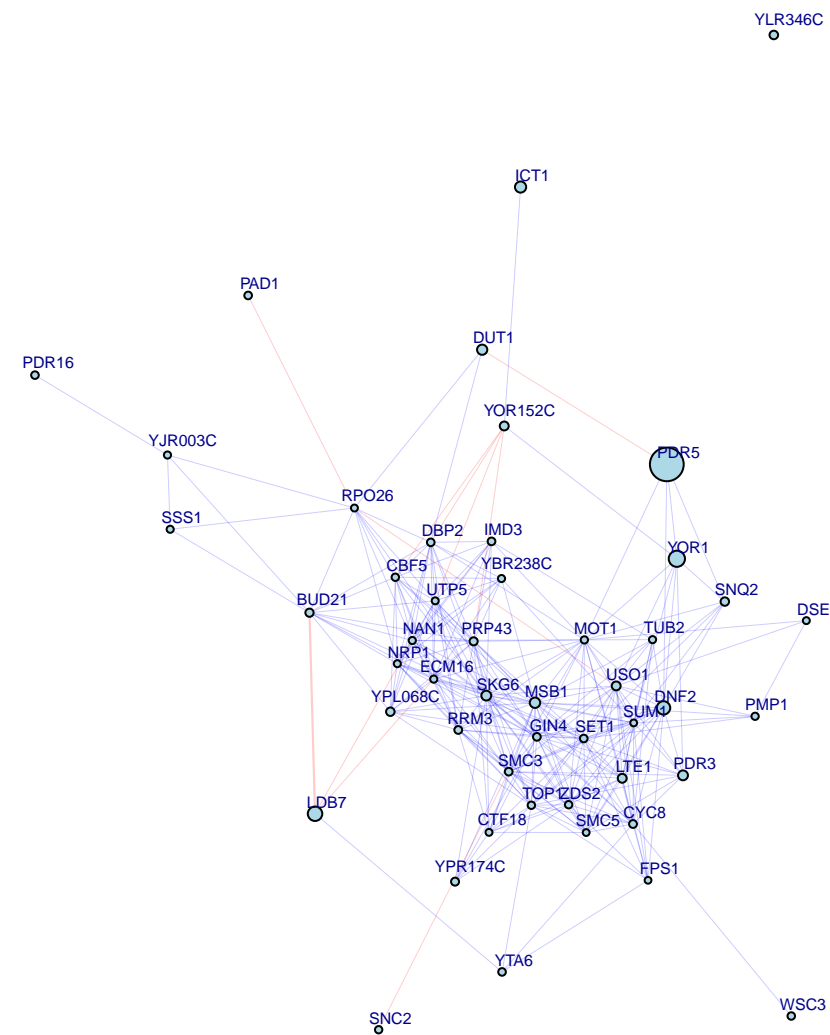
chrVII:397449_G/A top 50 down genes



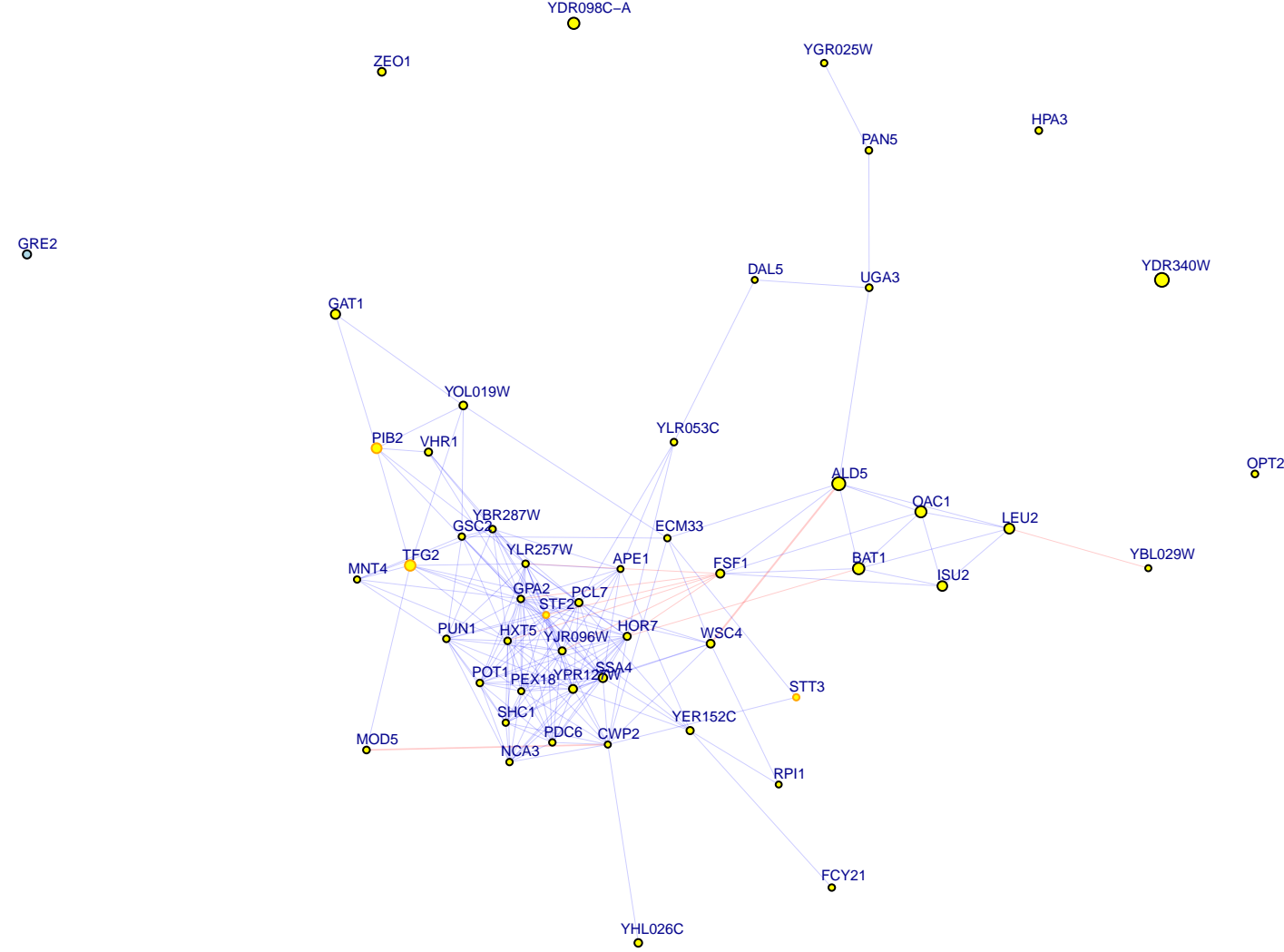
chrVII:397449_G/A top 100 up and down genes



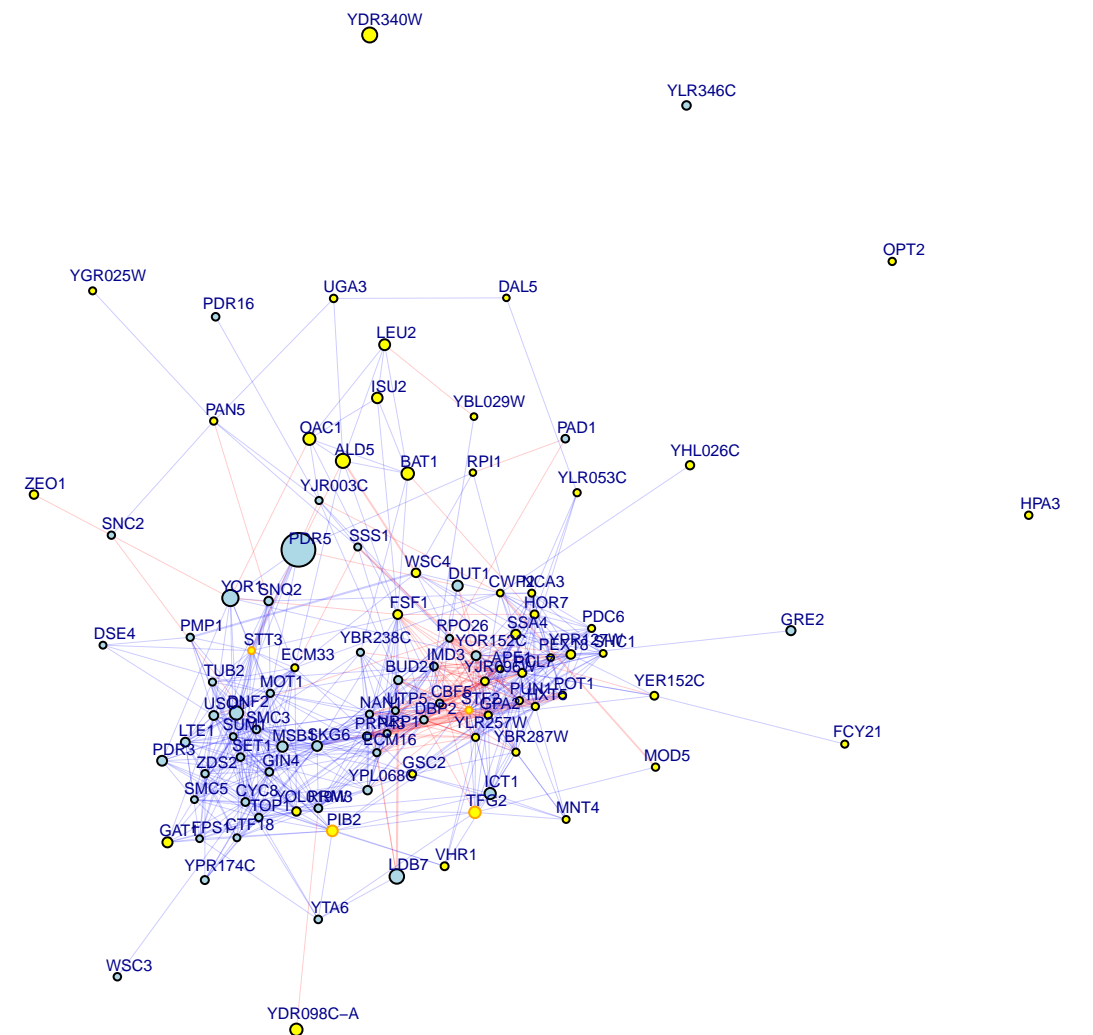
chrVII:470028_A/G top 50 up genes



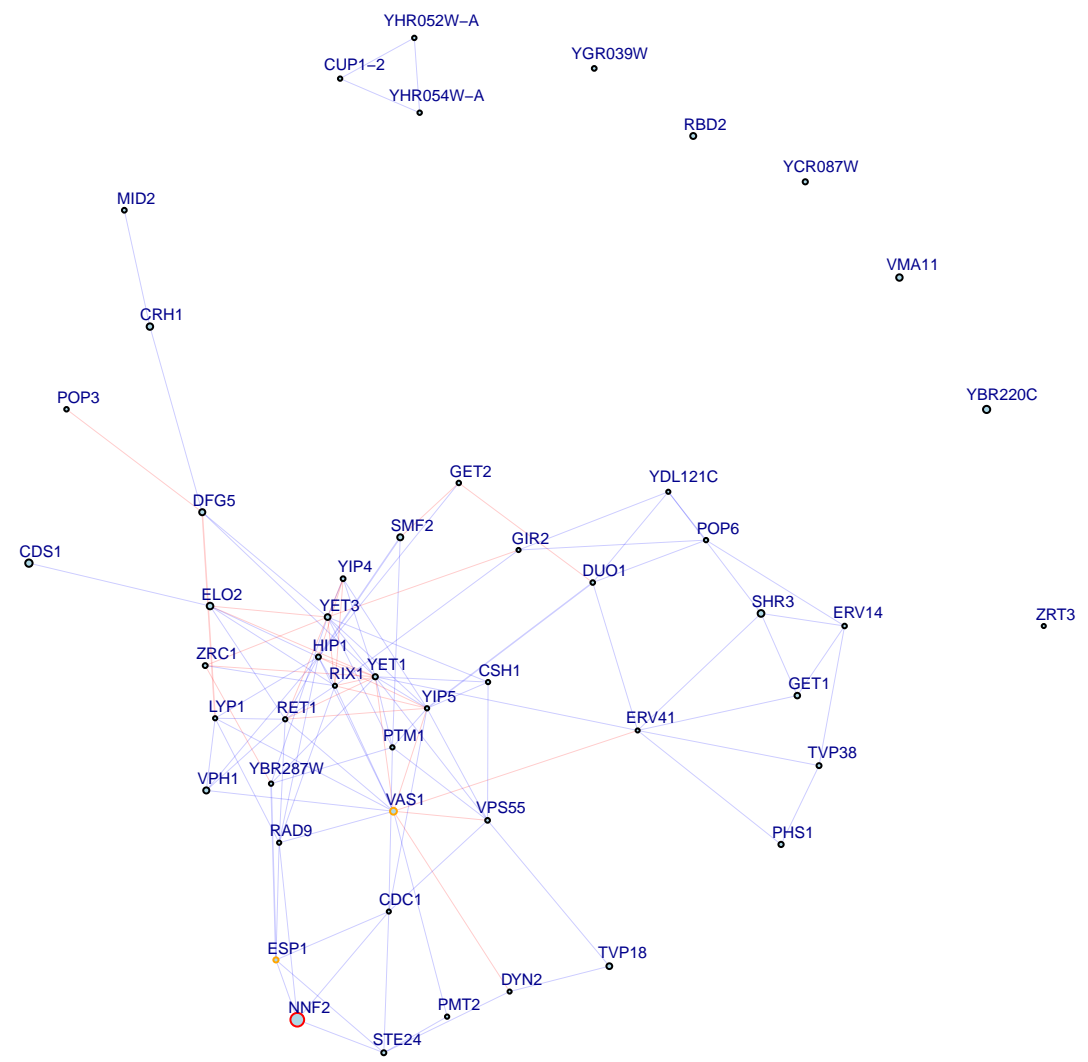
chrVII:470028_A/G top 50 down genes



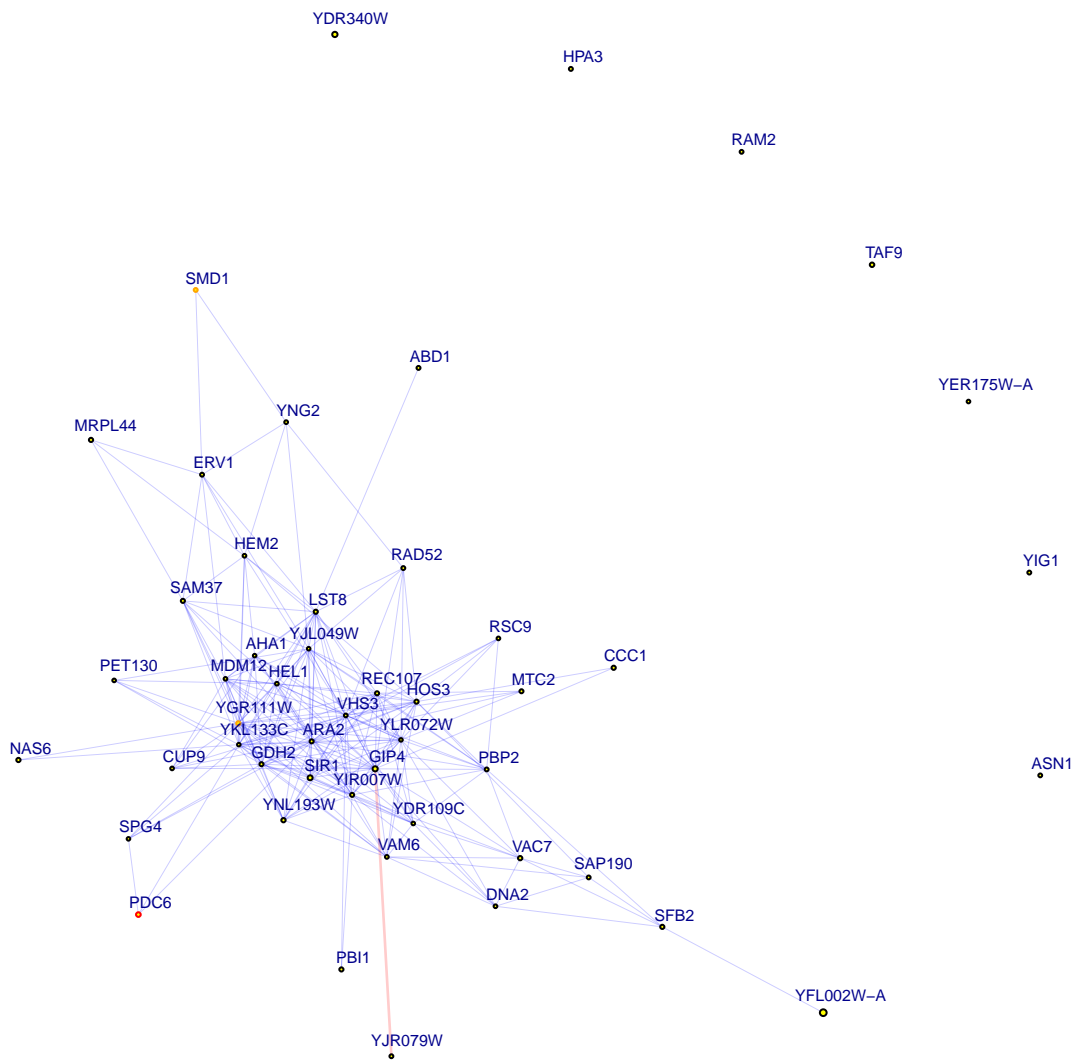
chrVII:470028_A/G top 100 up and down genes



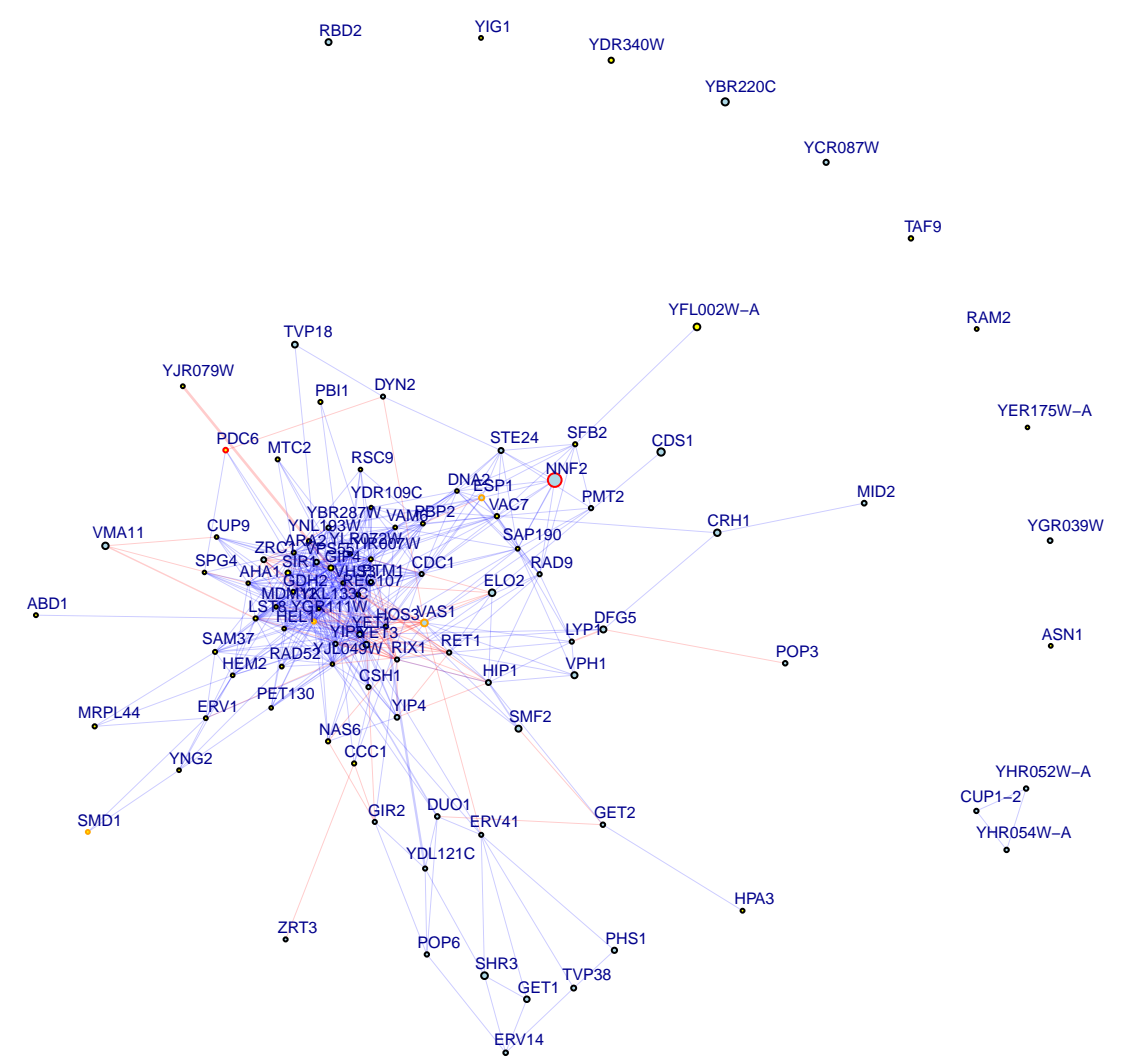
chrVII:656248_T/G top 50 up genes



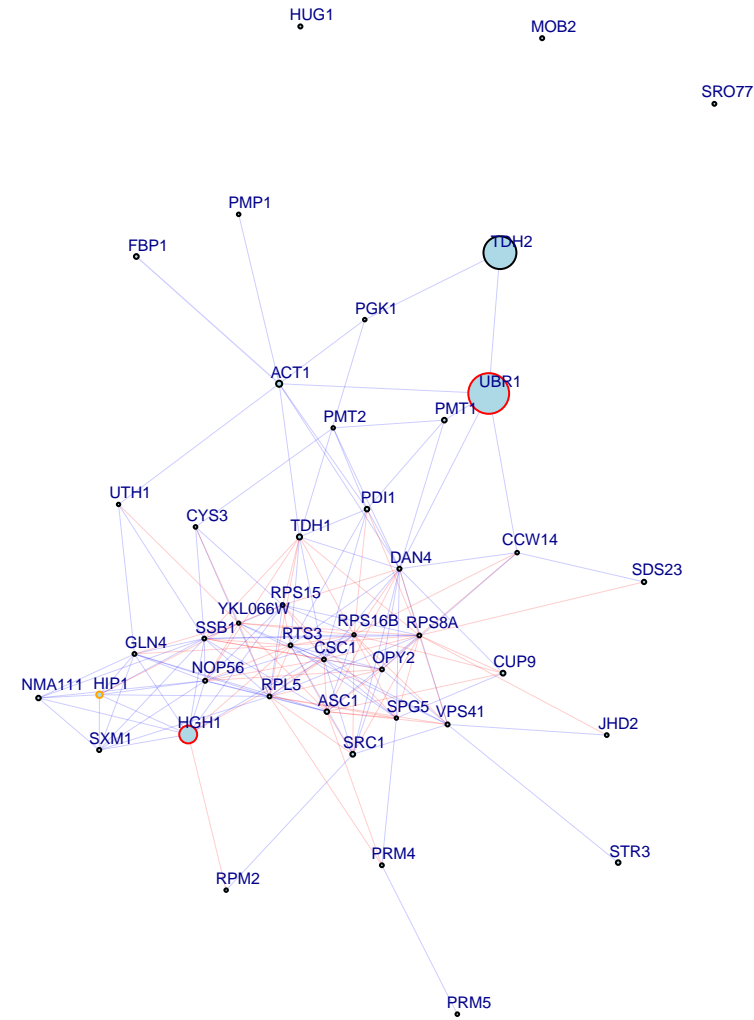
chrVII:656248_T/G top 50 down genes



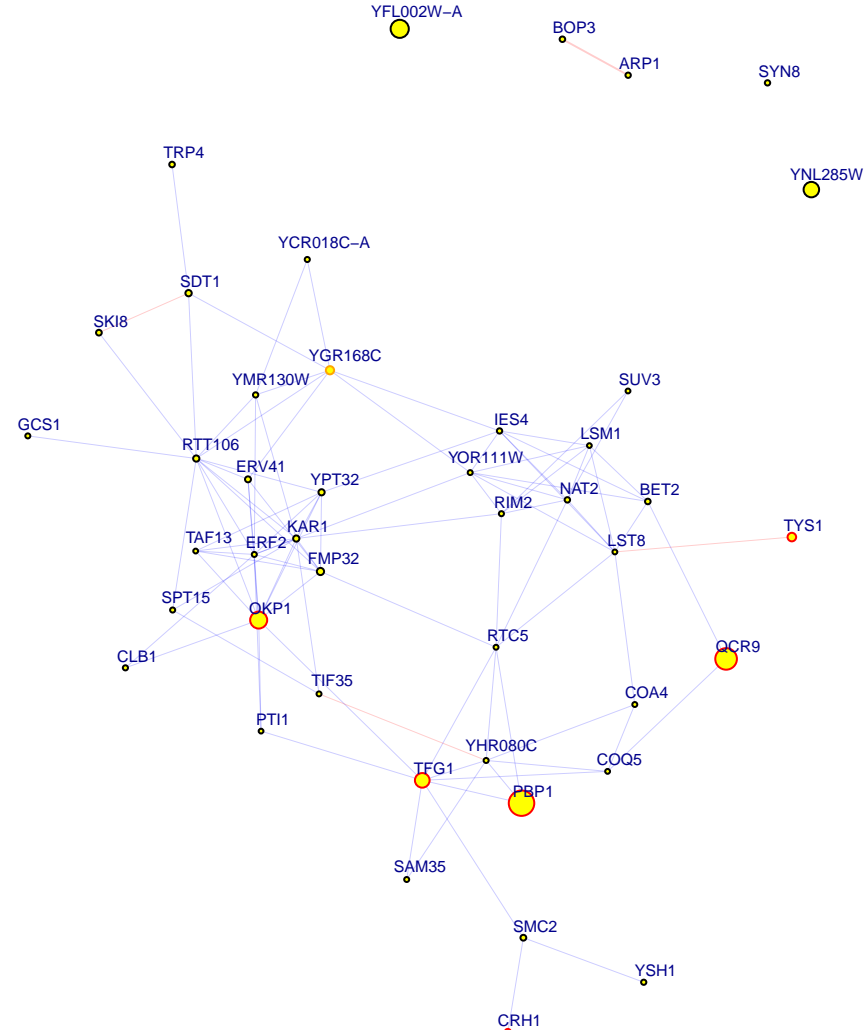
chrVII:656248_T/G top 100 up and down genes



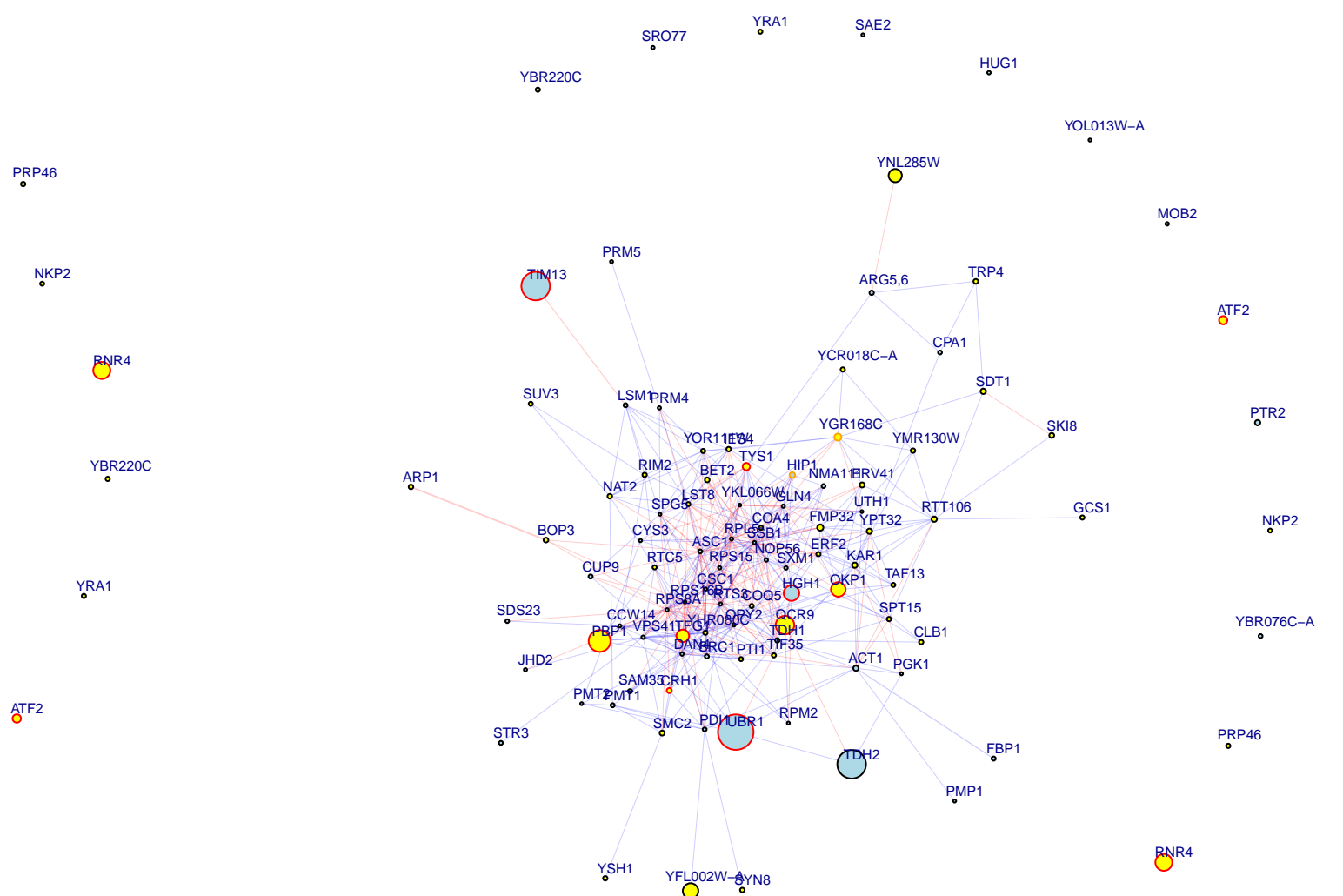
chrVII:850923_T/C top 50 up genes



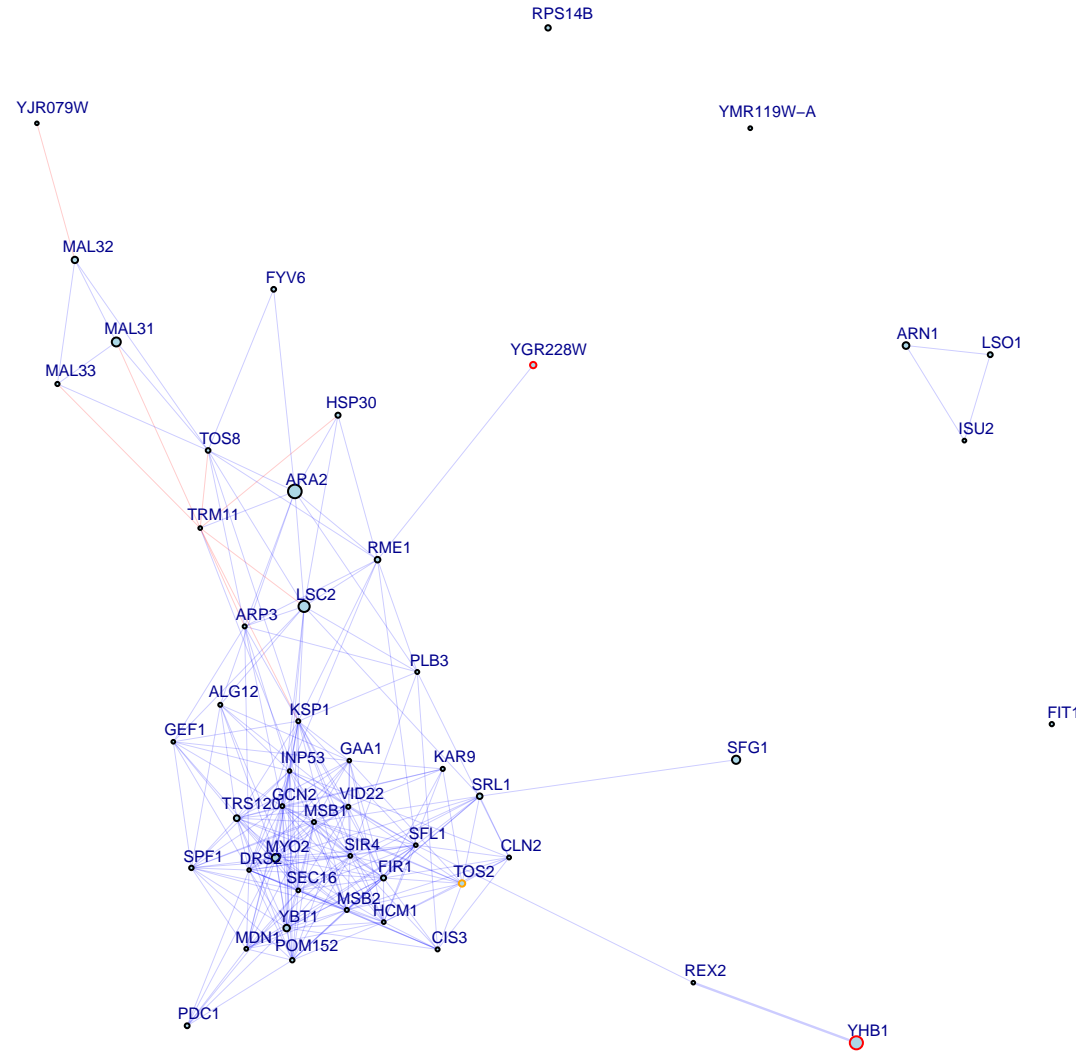
chrVII:850923_T/C top 50 down genes



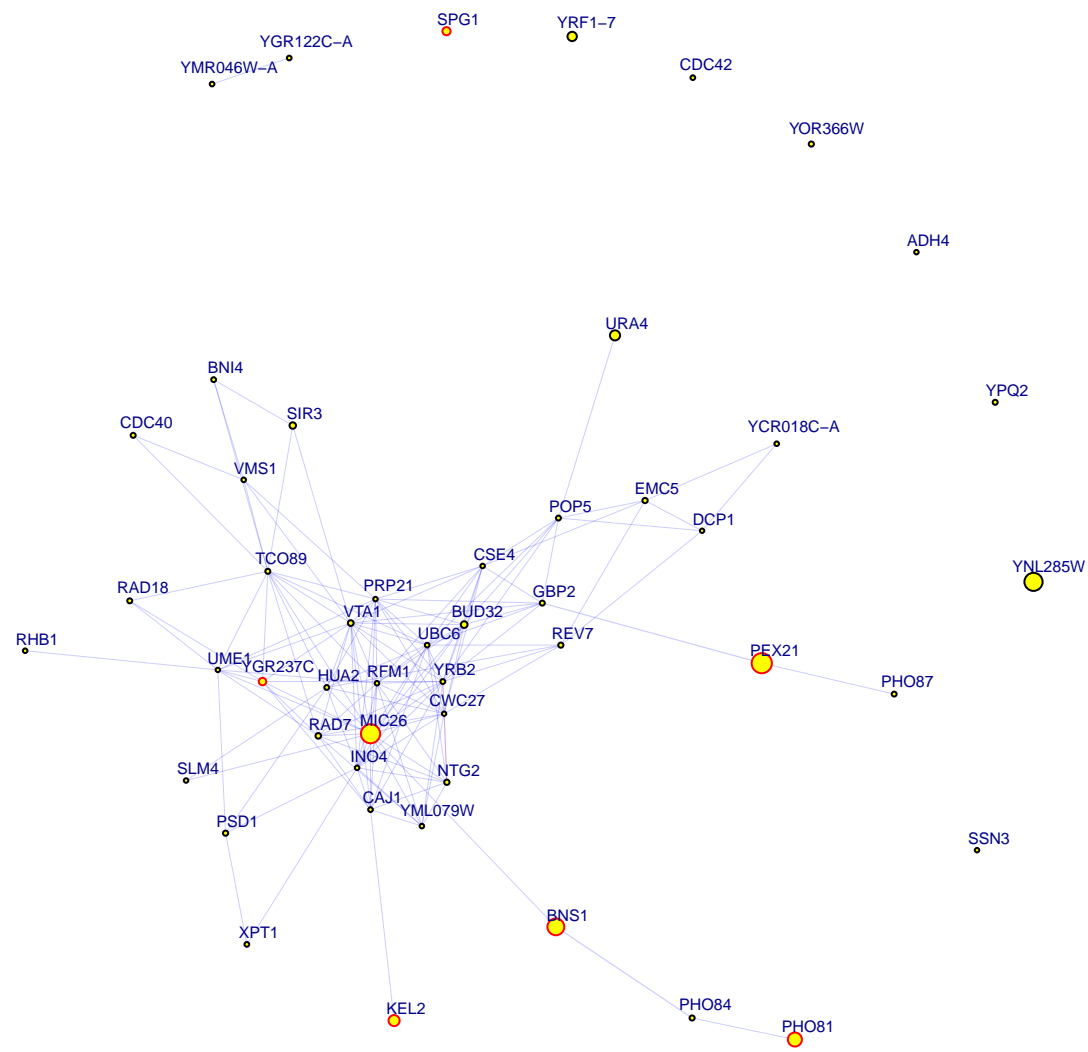
chrVII:850923_T/C top 100 up and down genes



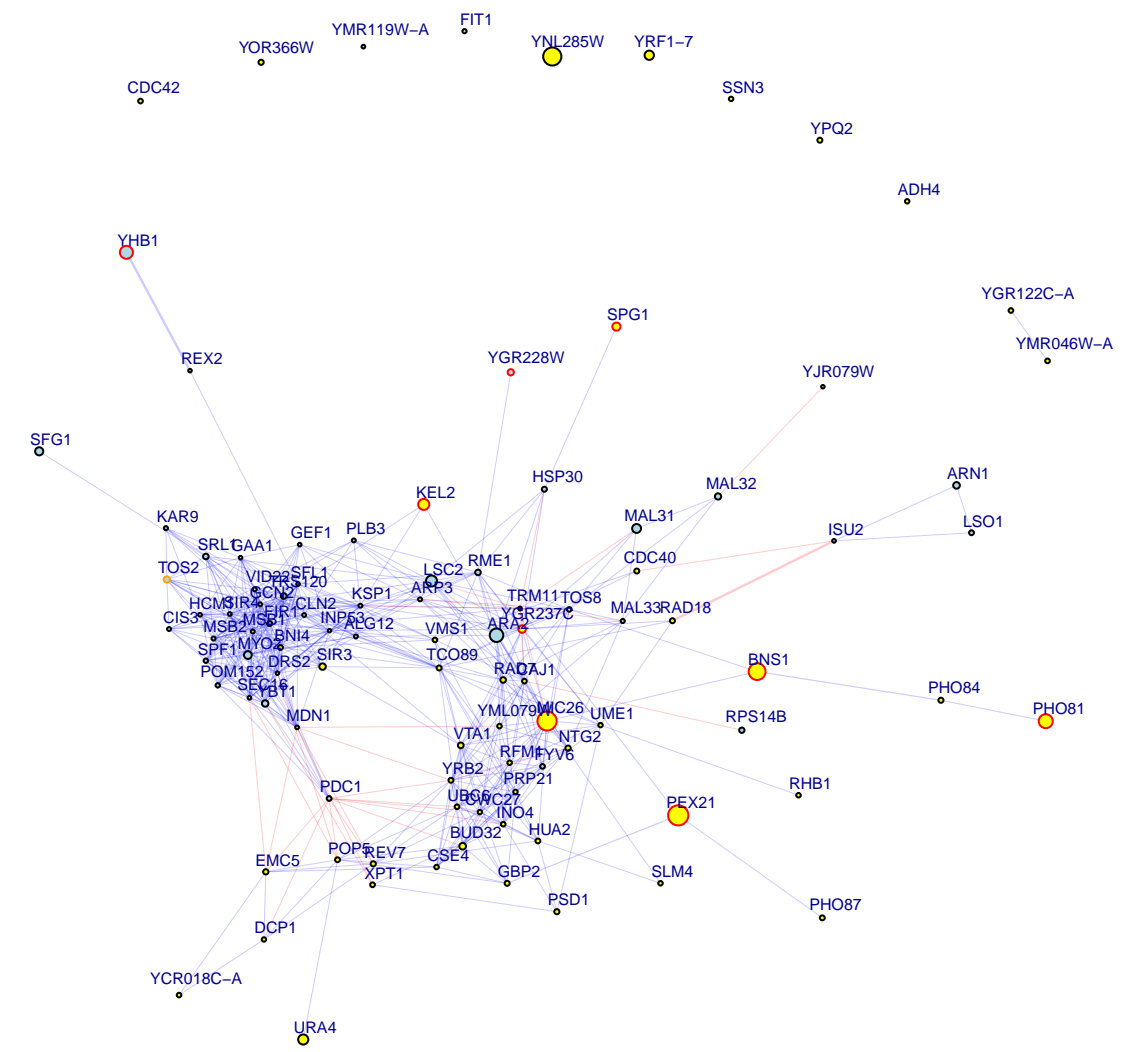
chrVII:984362_C/T top 50 up genes



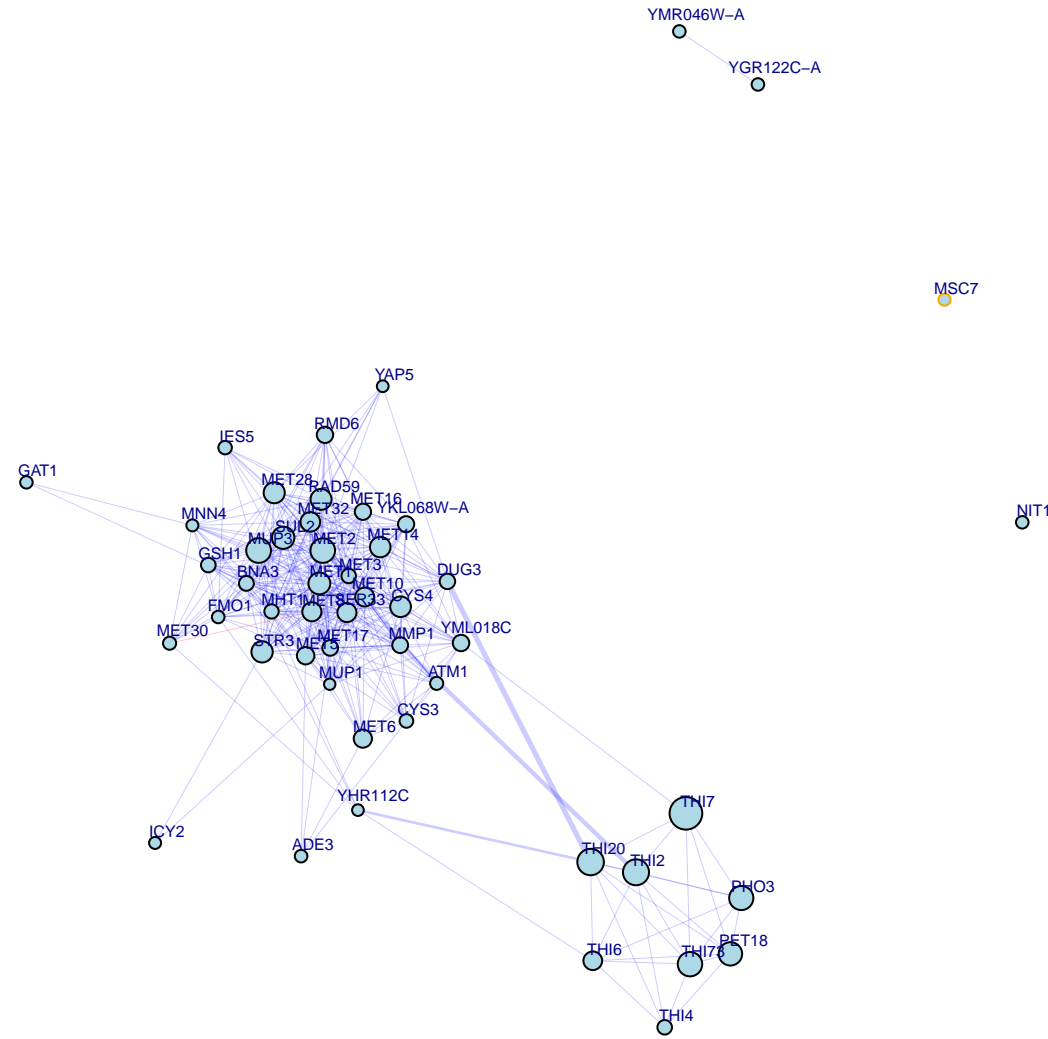
chrVII:984362_C/T top 50 down genes



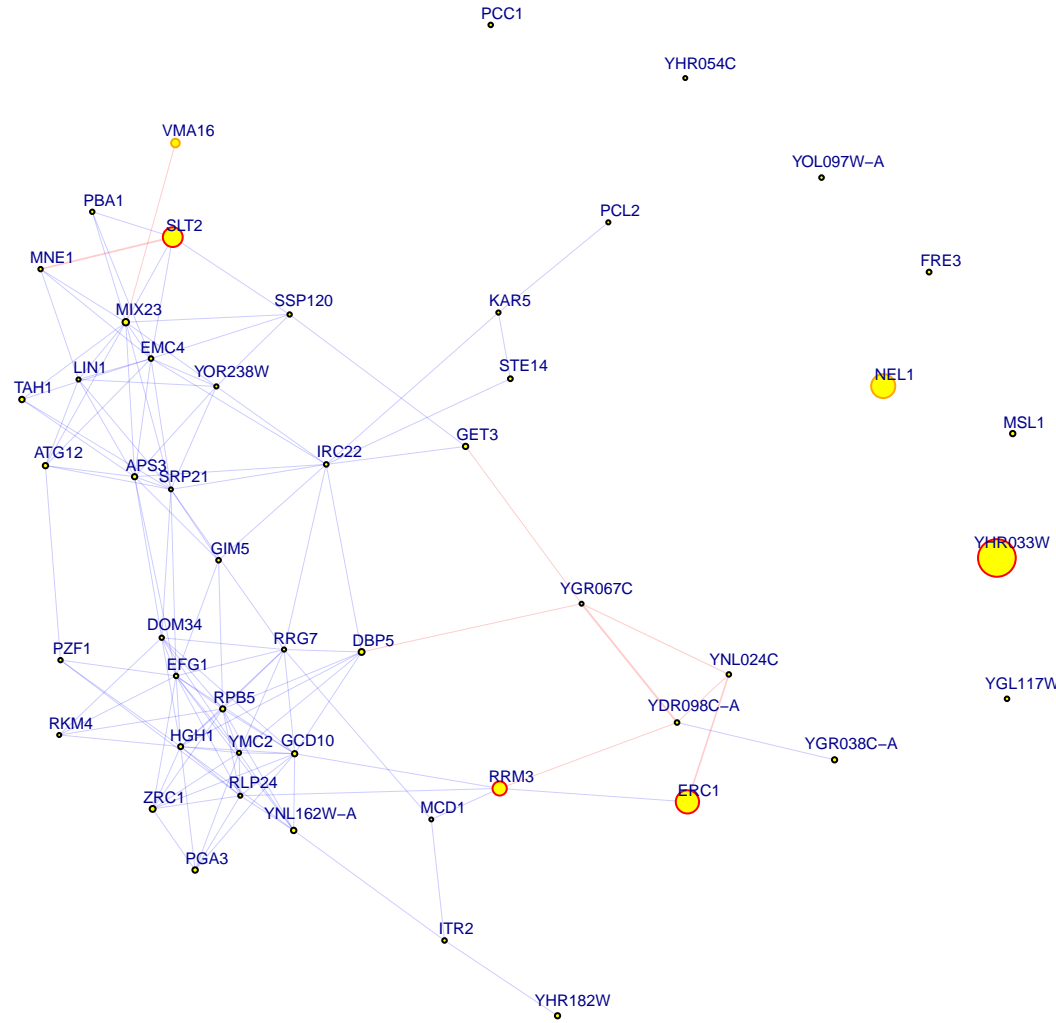
chrVII:984362_C/T top 100 up and down genes



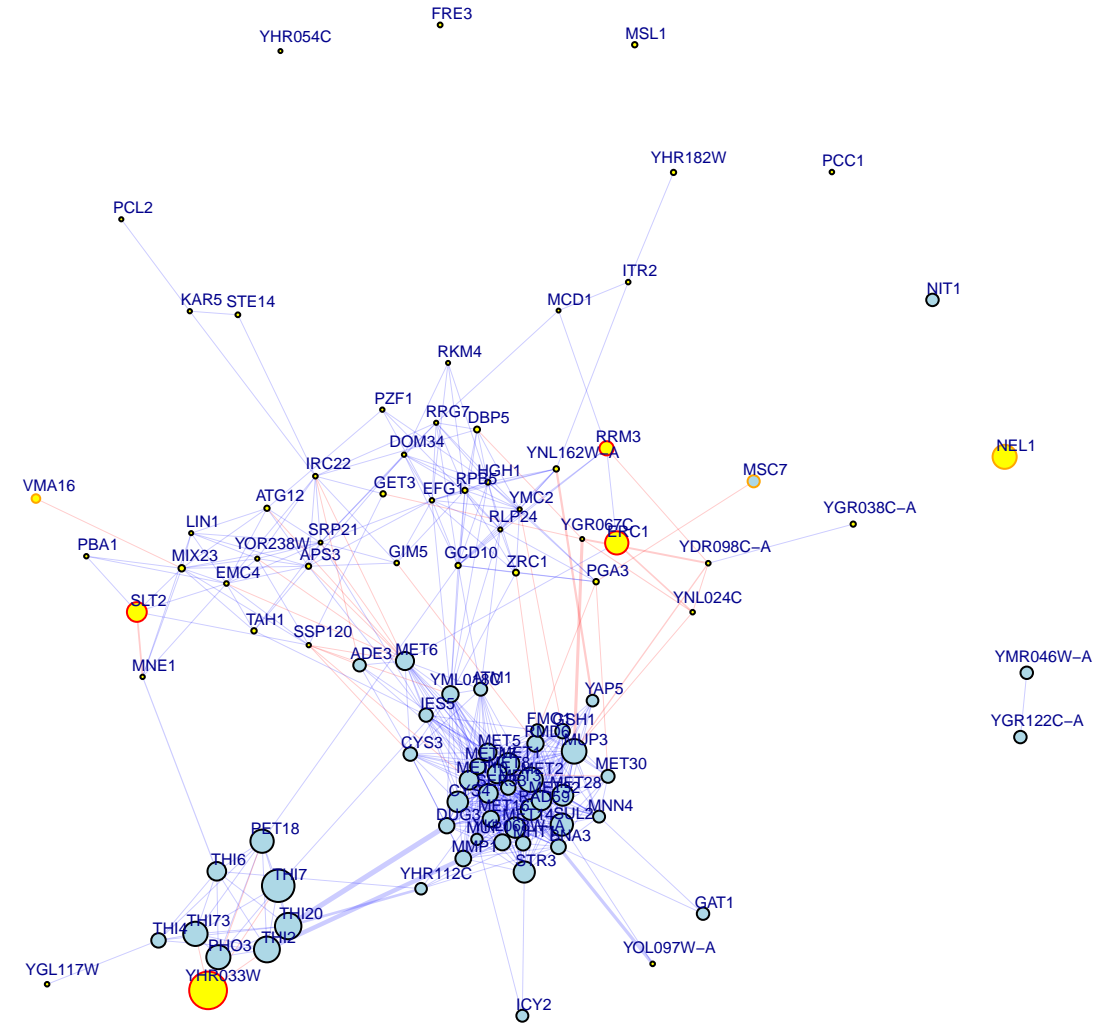
chrVIII:175012_C/T top 50 up genes



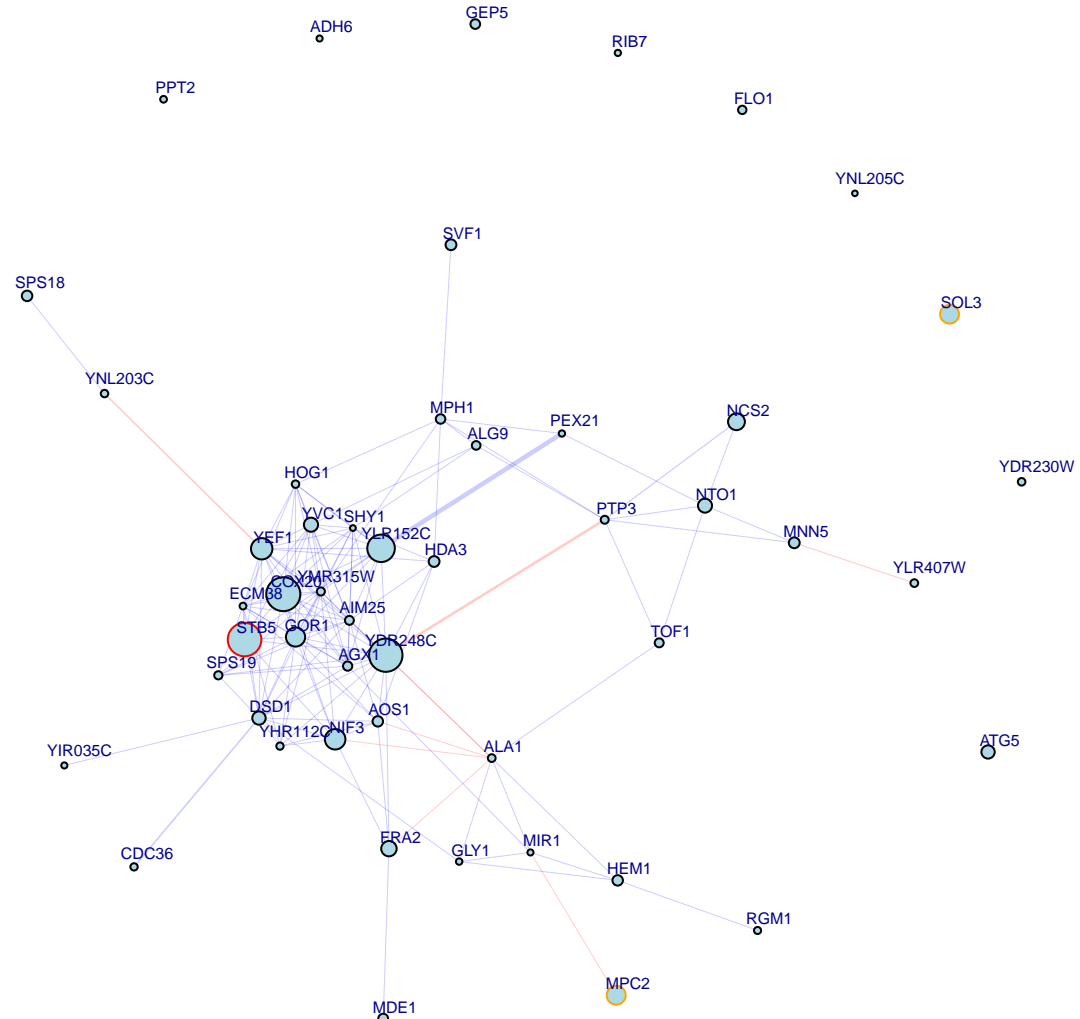
chrVIII:175012_C/T top 50 down genes



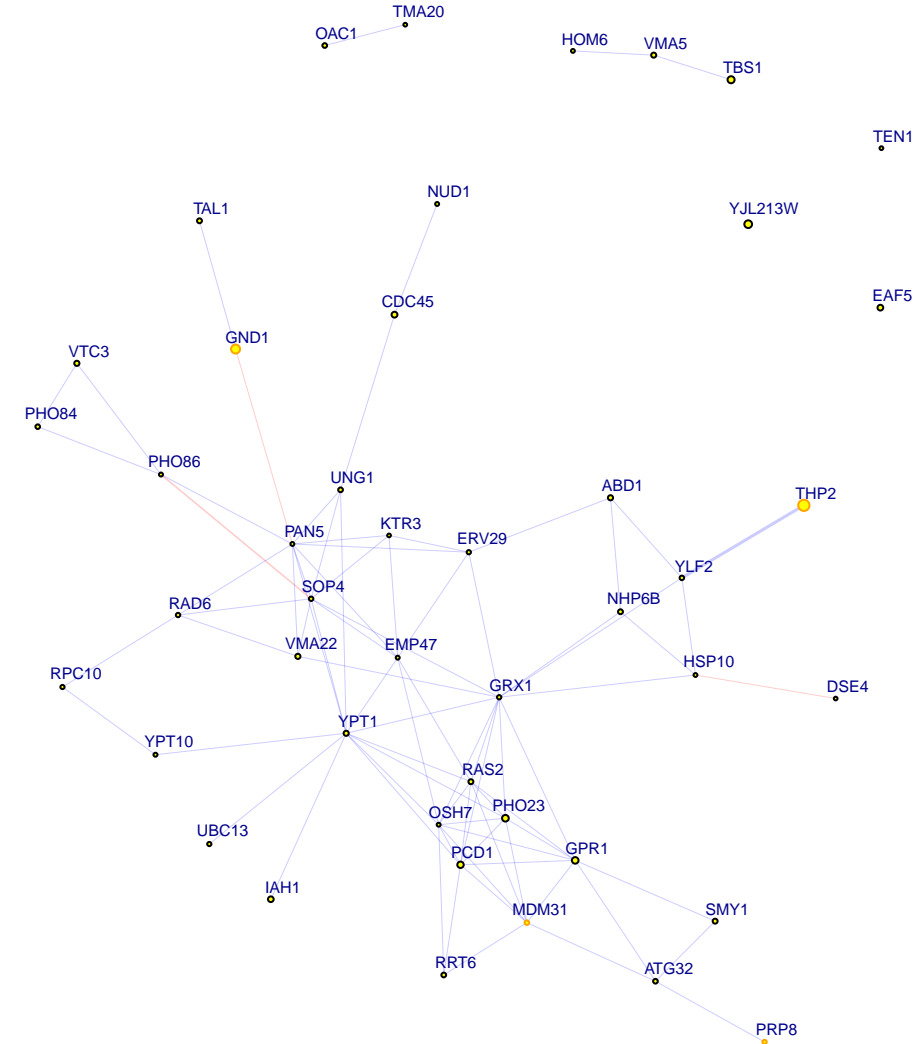
chrVIII:175012_C/T top 100 up and down genes



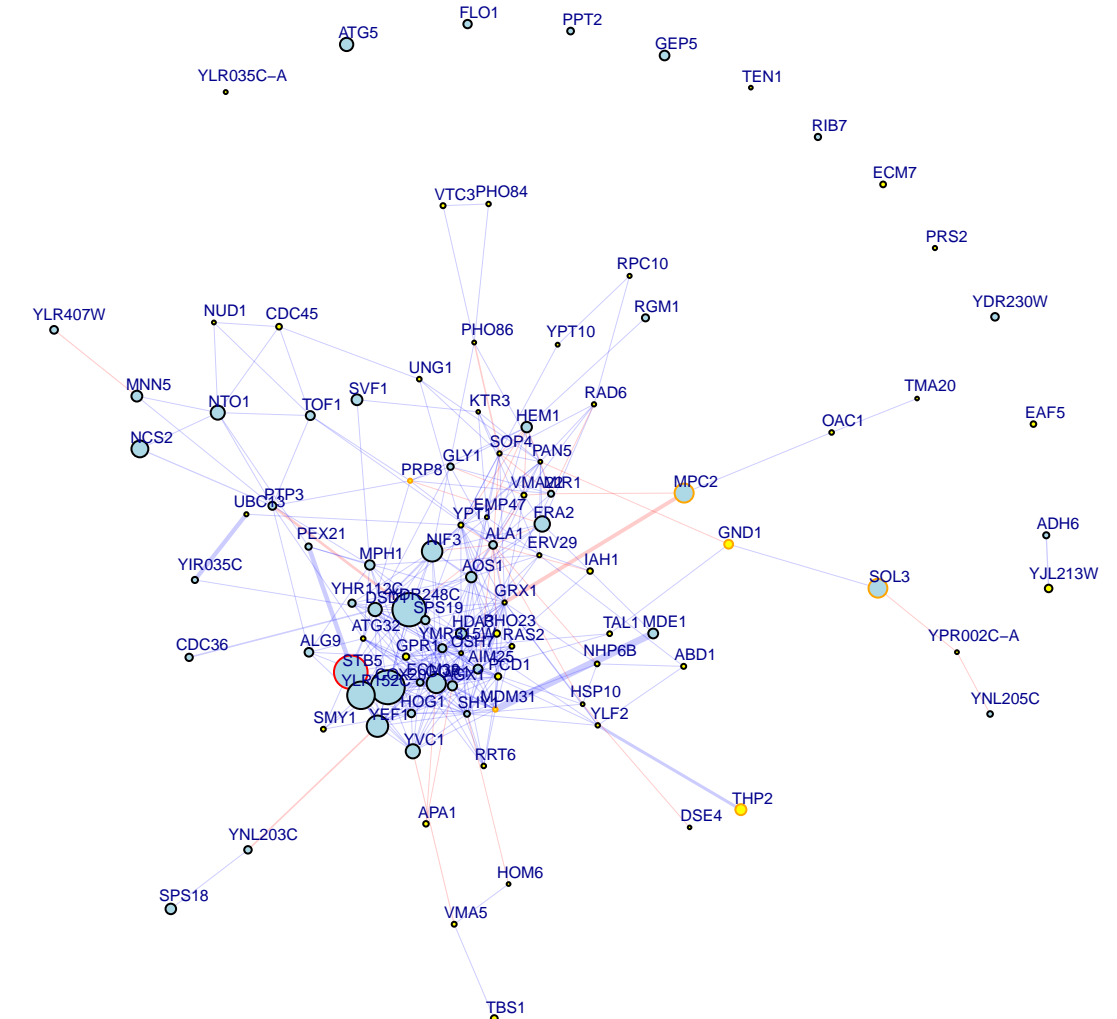
chrVIII:459310_C/G top 50 up genes



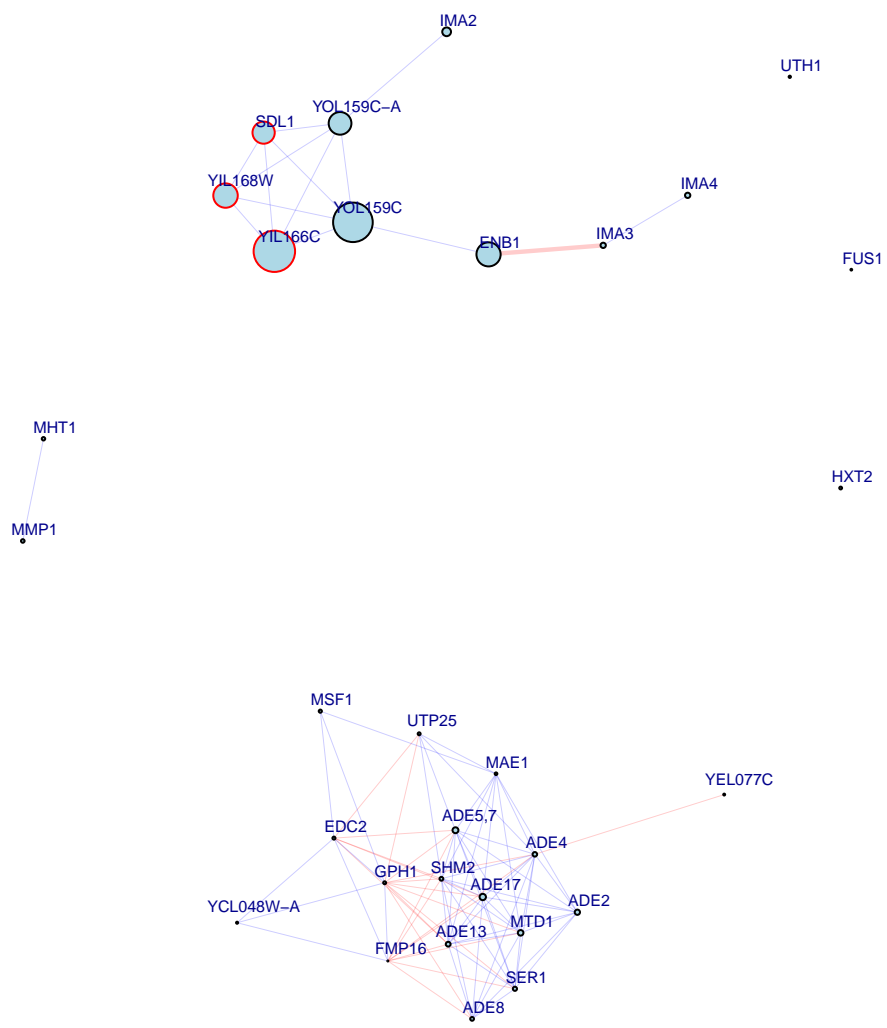
chrVIII:459310_C/G top 50 down genes



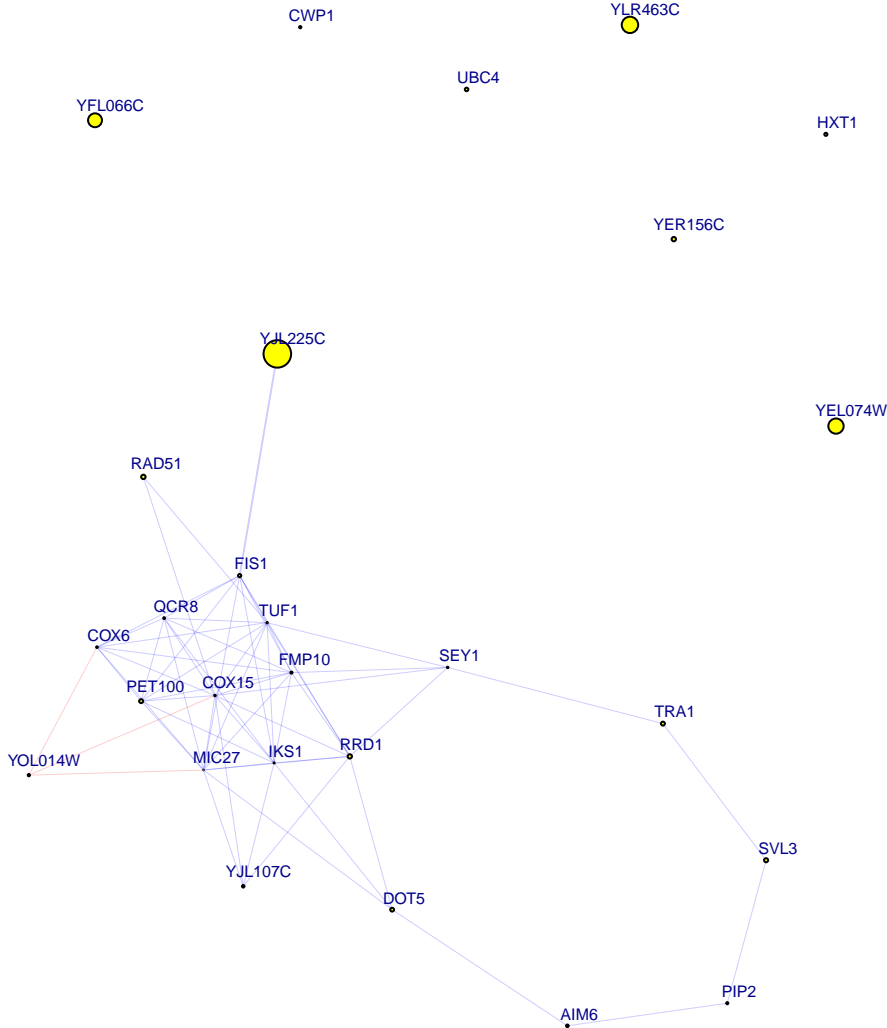
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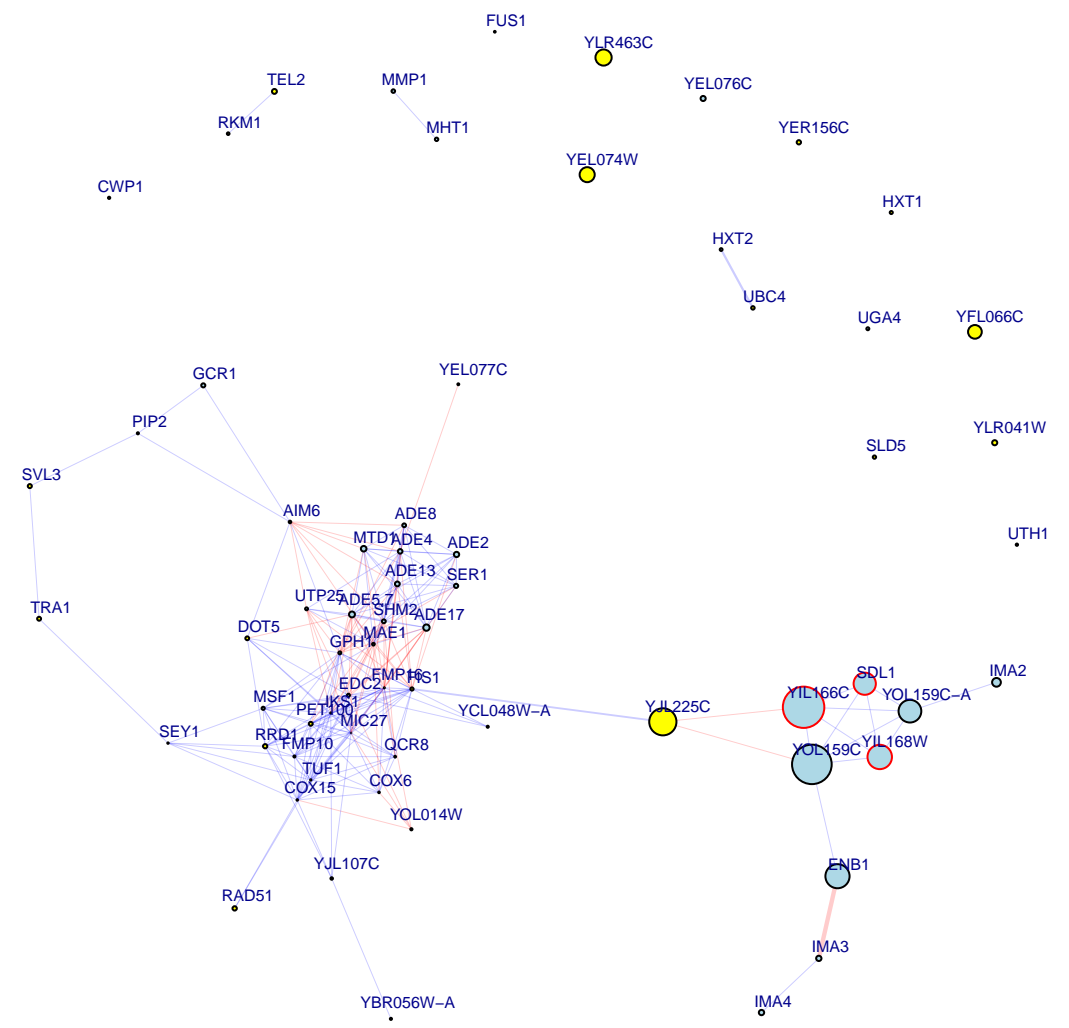
chrIX:28874_G/C top 35 up genes



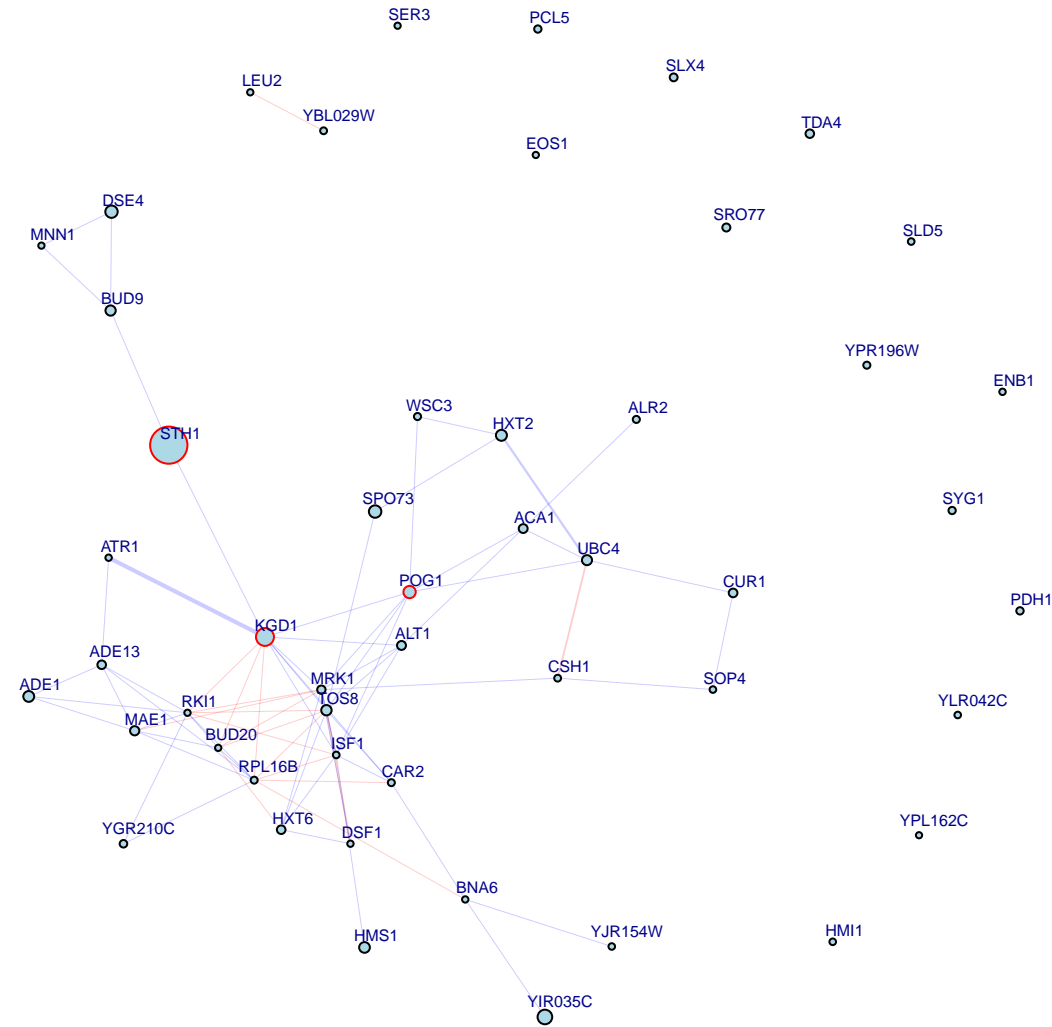
chrIX:28874_G/C top 31 down genes



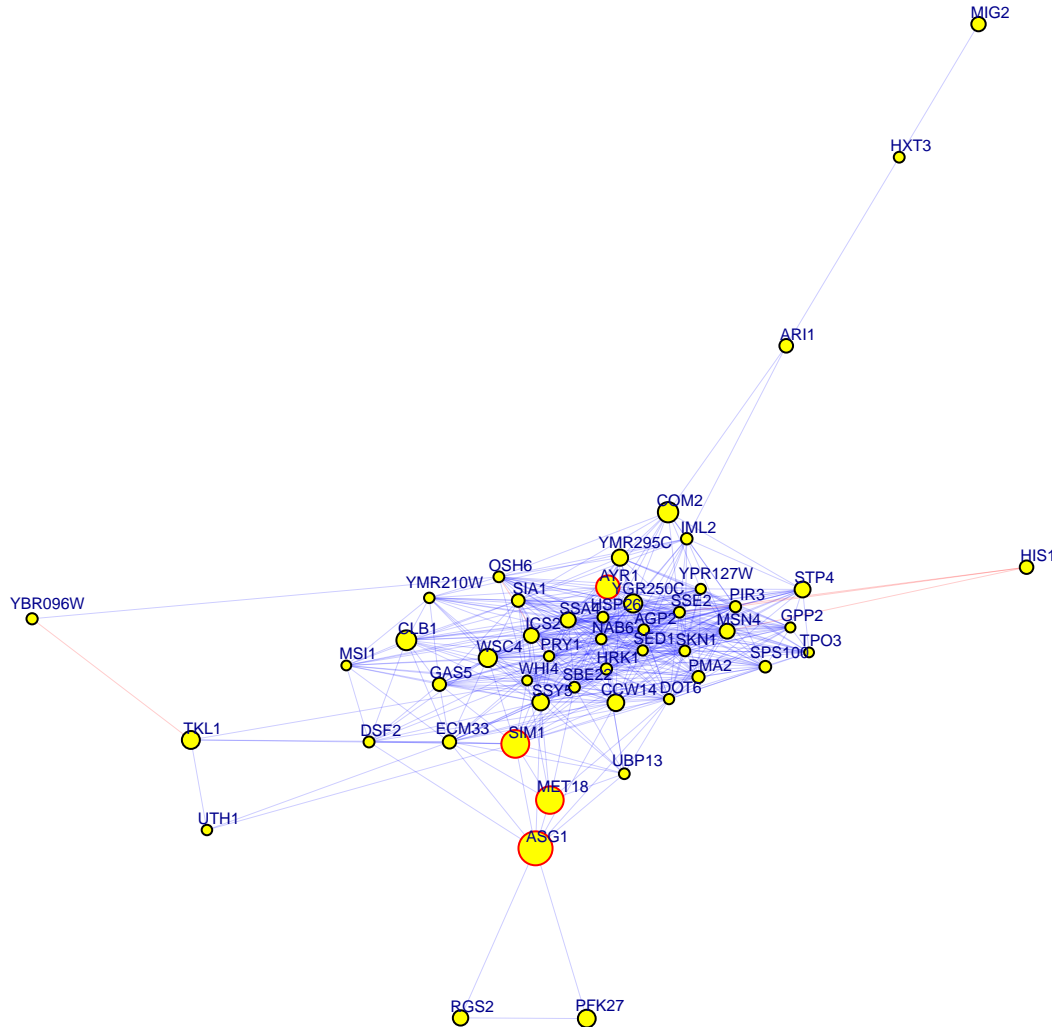
chrIX:28874_G/C top 66 up and down genes



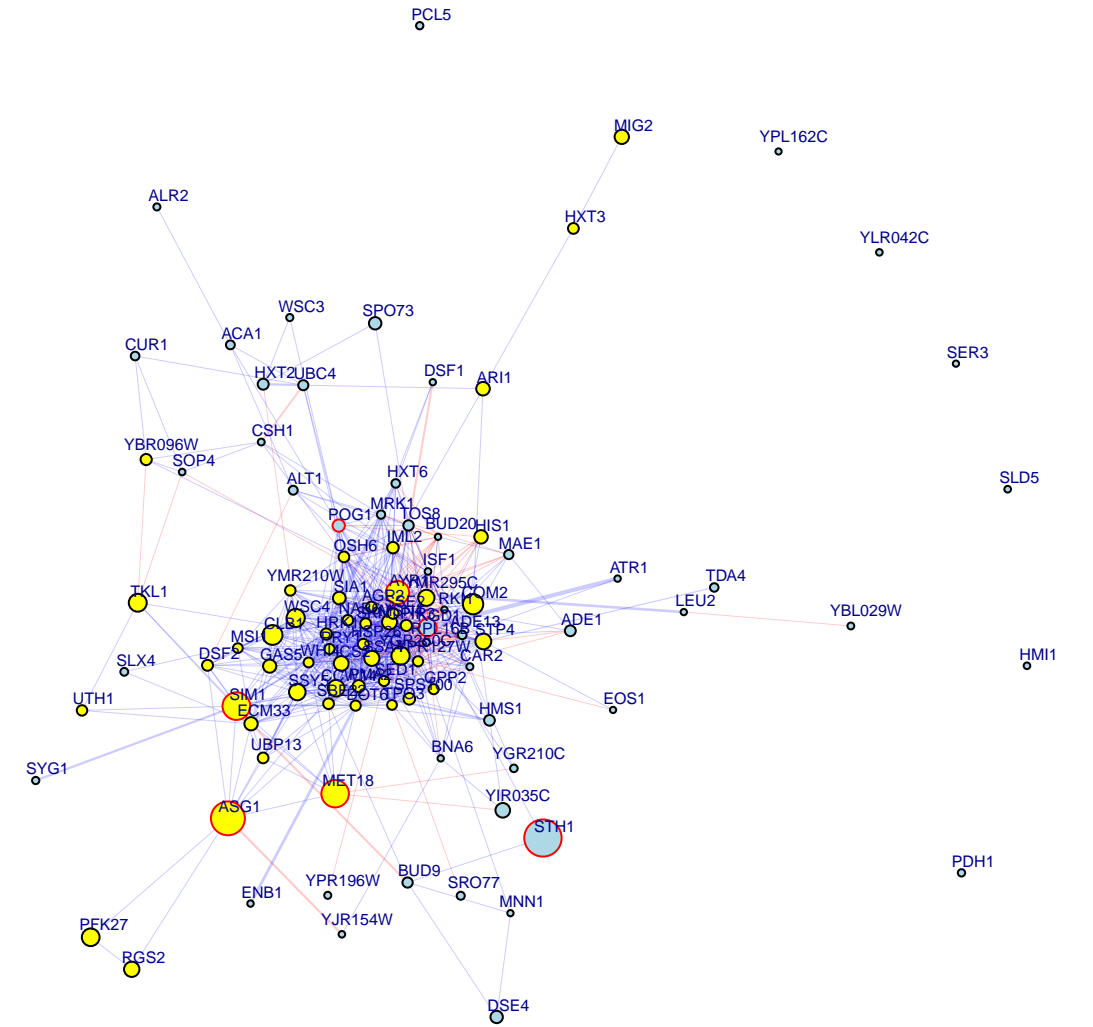
chrIX:105090_T/C top 50 up genes



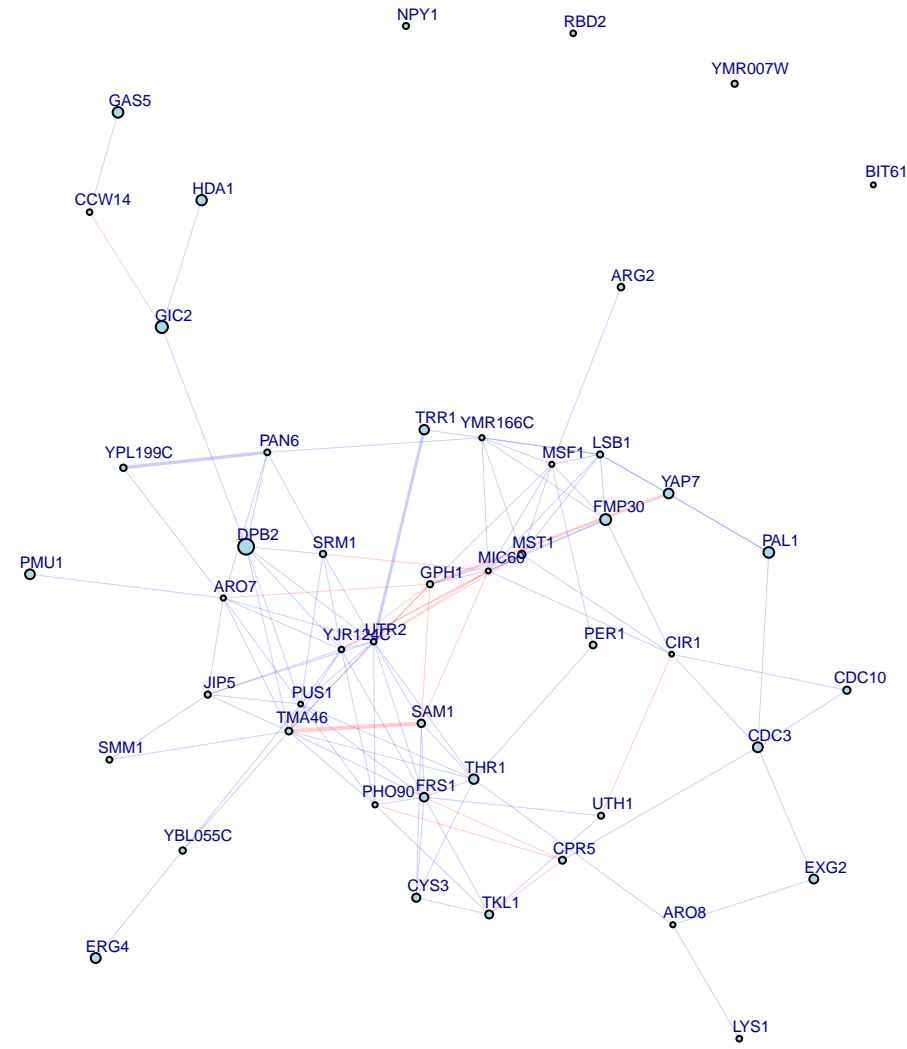
chrIX:105090_T/C top 50 down genes



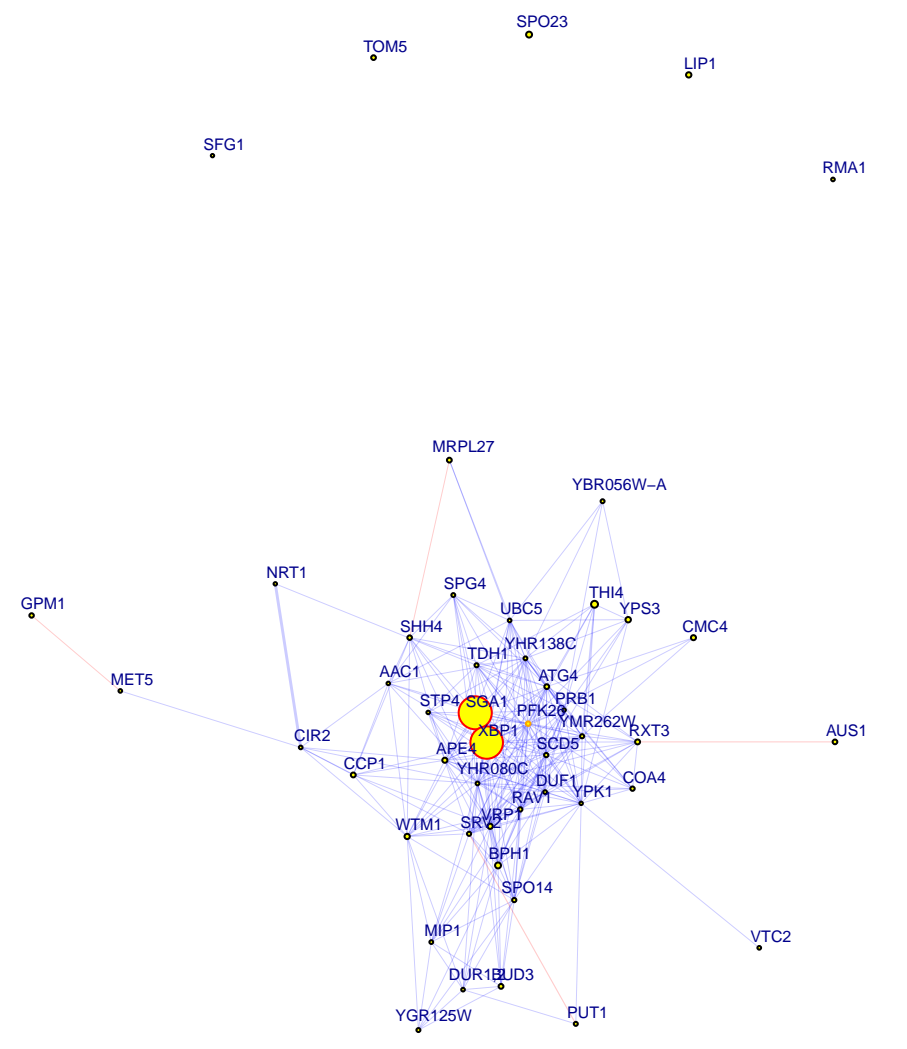
chrIX:105090_T/C top 100 up and down genes



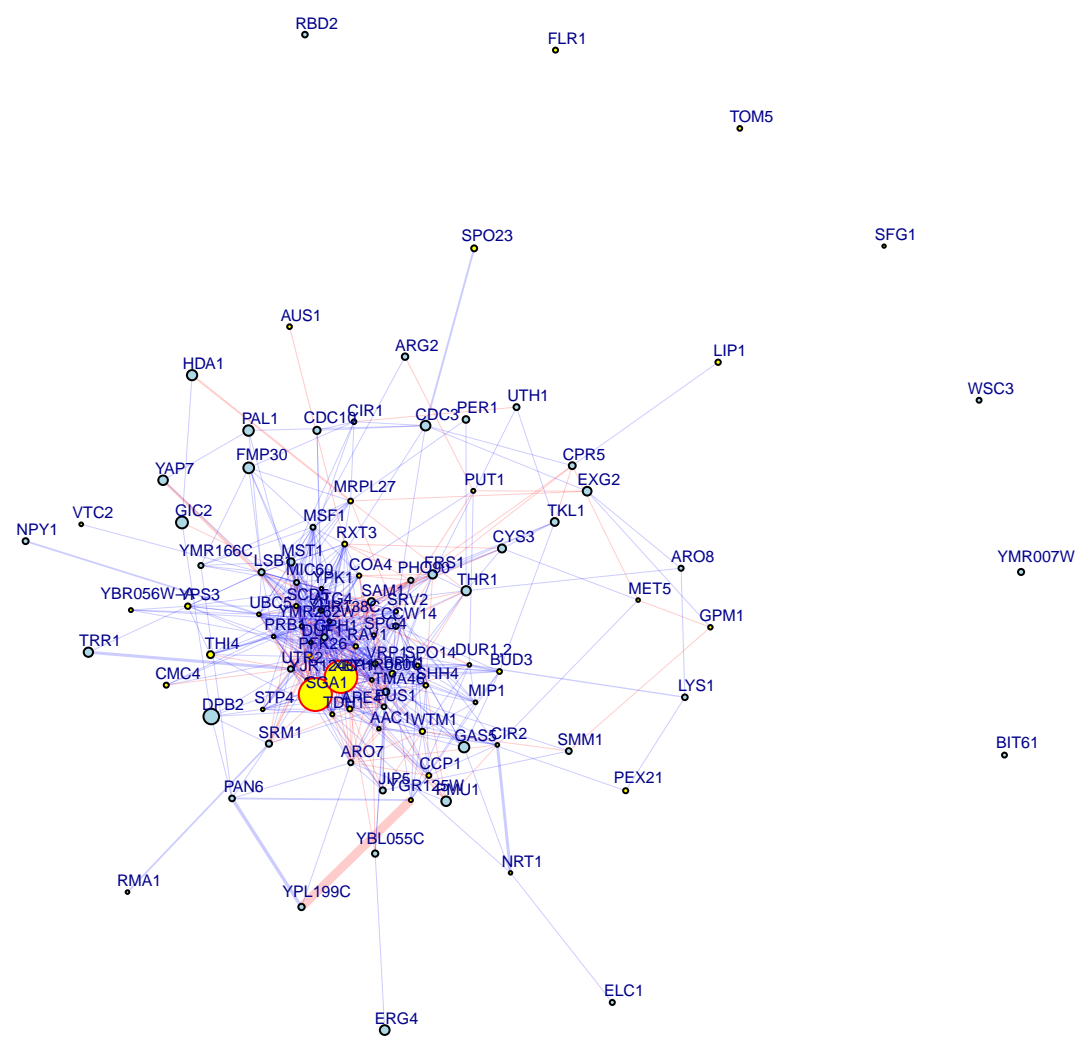
chrIX:178160_C/T top 50 up genes



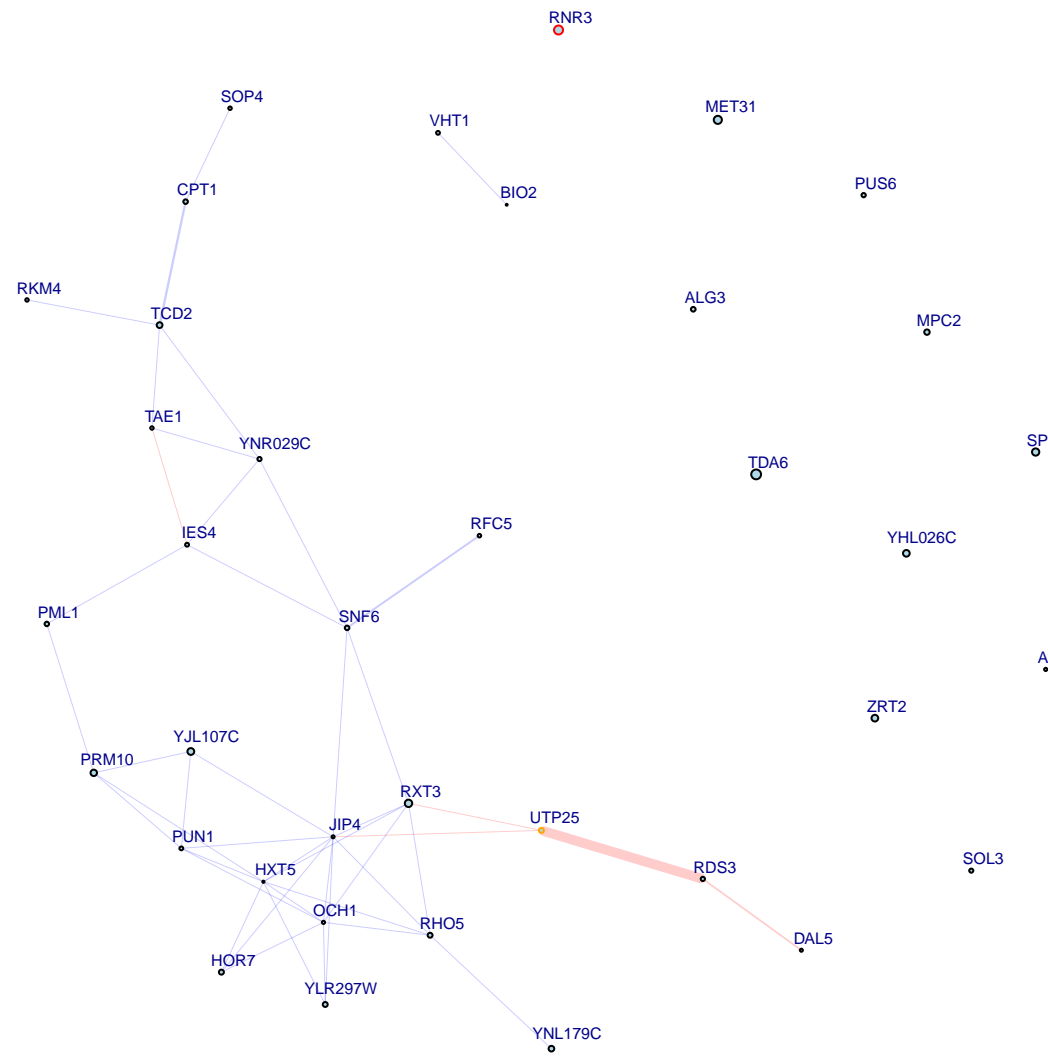
chrIX:178160_C/T top 50 down genes



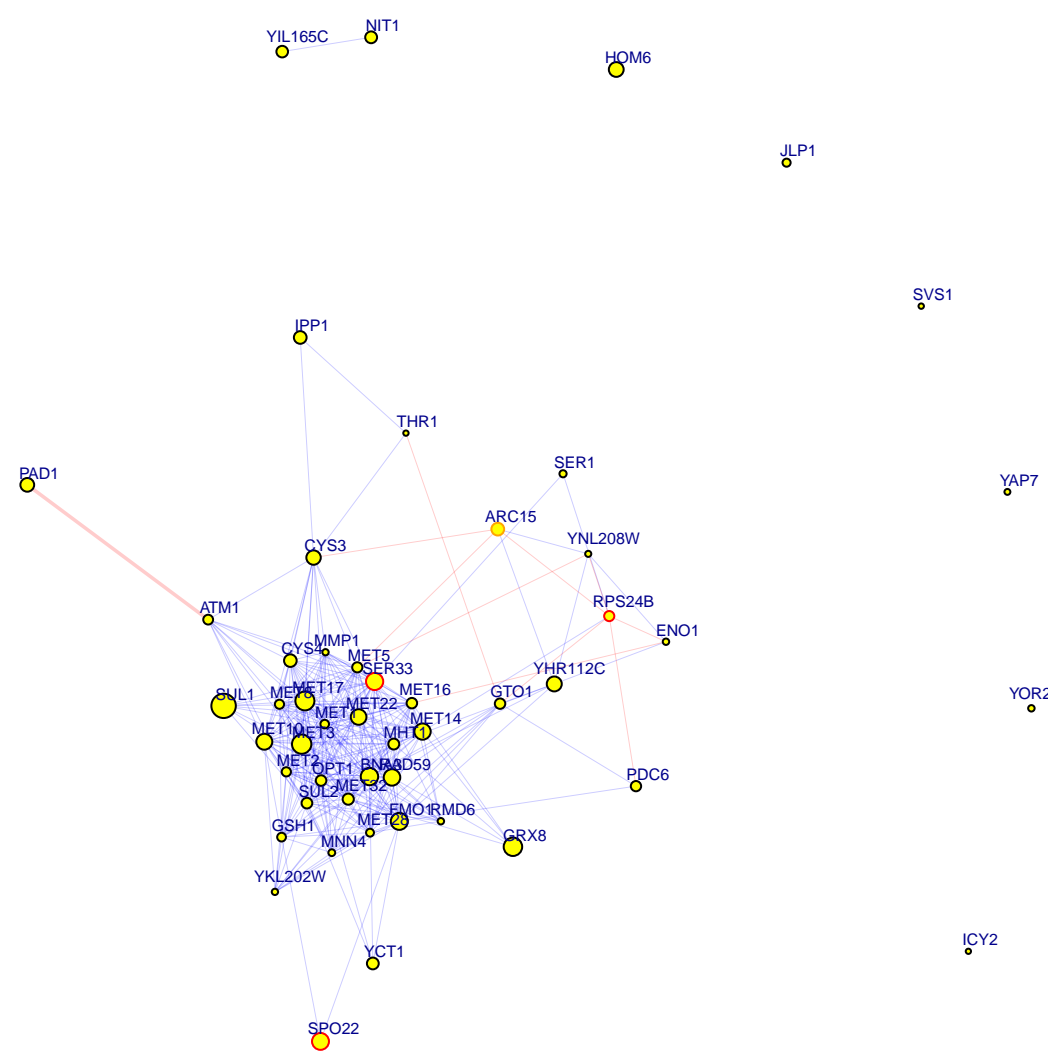
chrIX:178160_C/T top 100 up and down genes



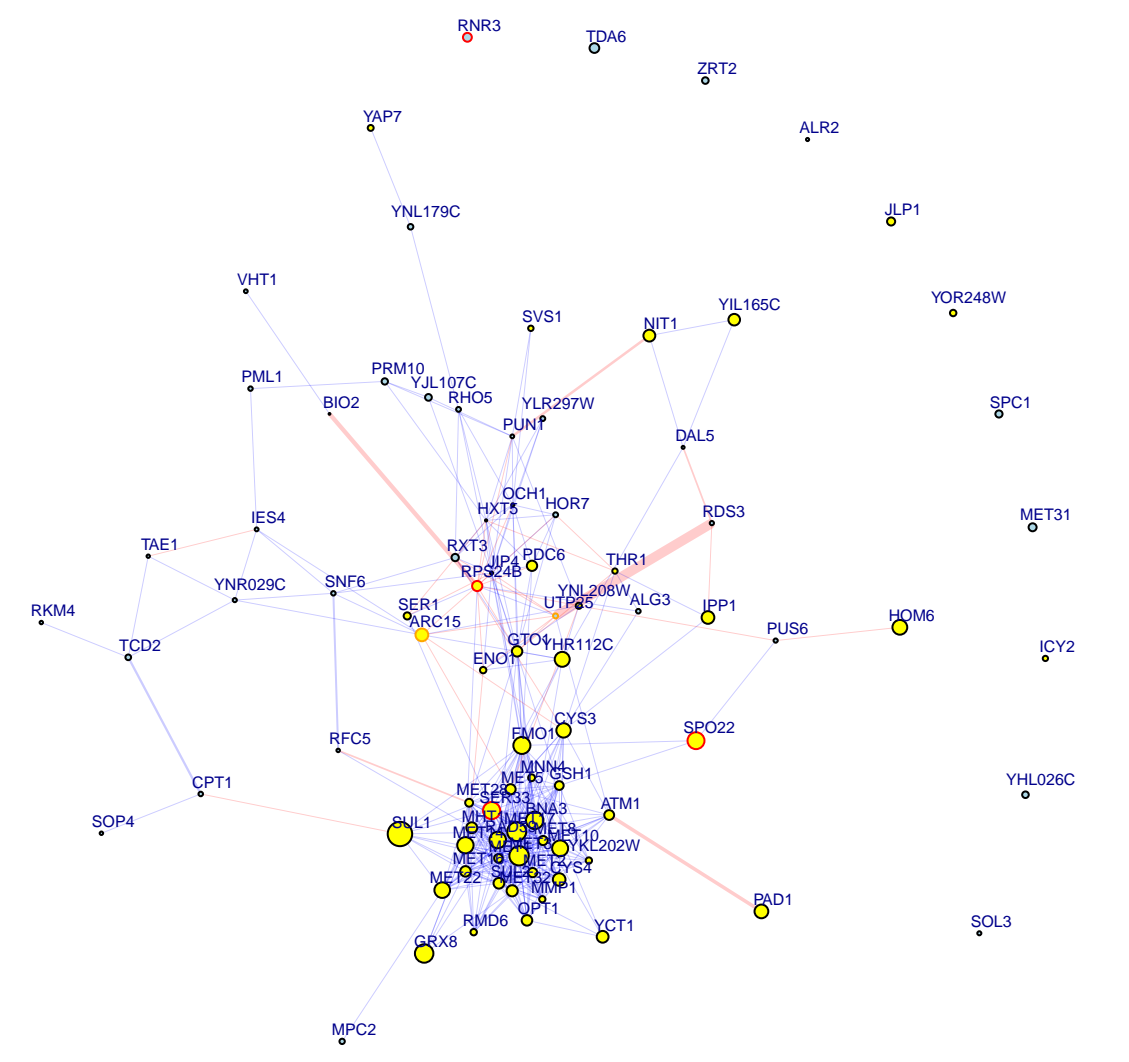
chrIX:227301_A/T top 37 up genes



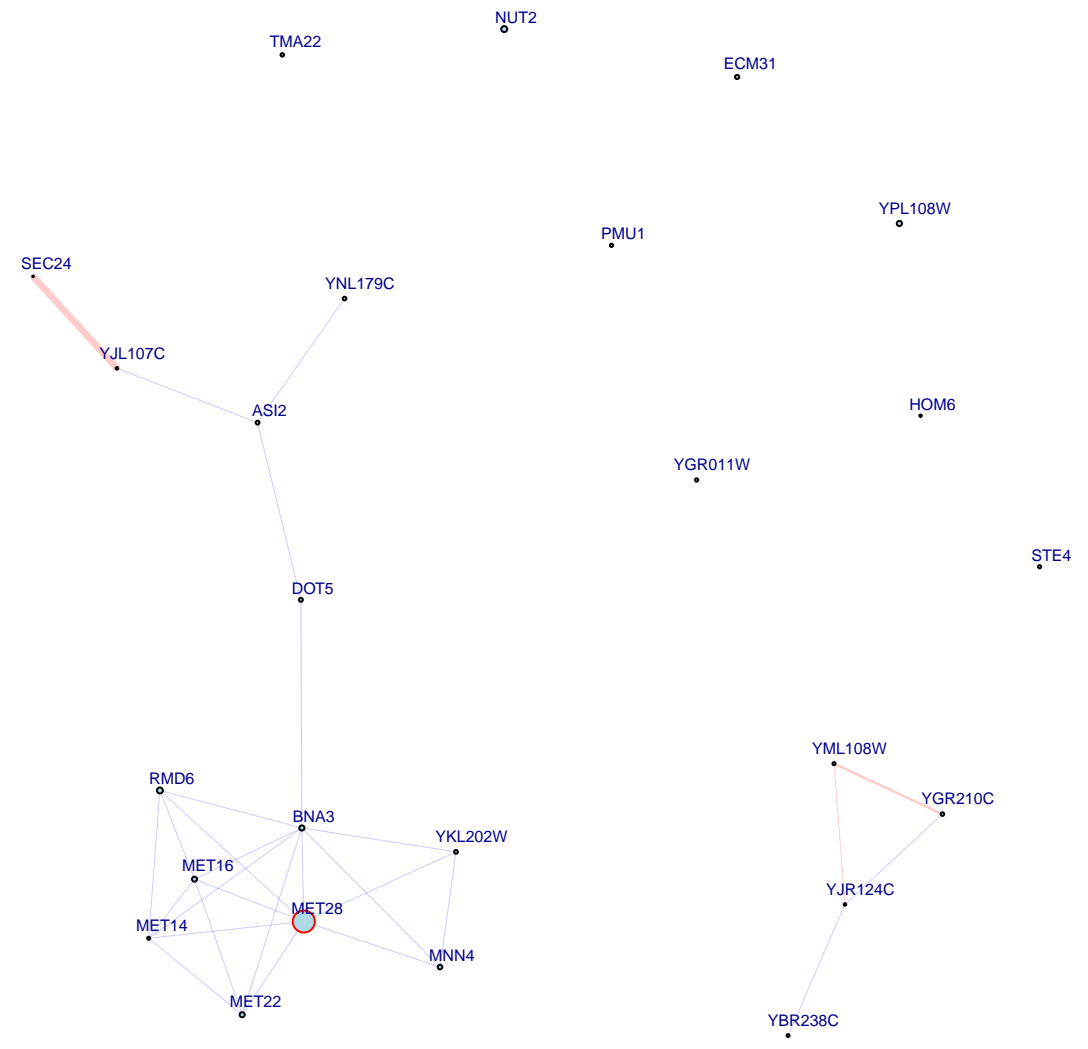
chrIX:227301_A/T top 50 down genes



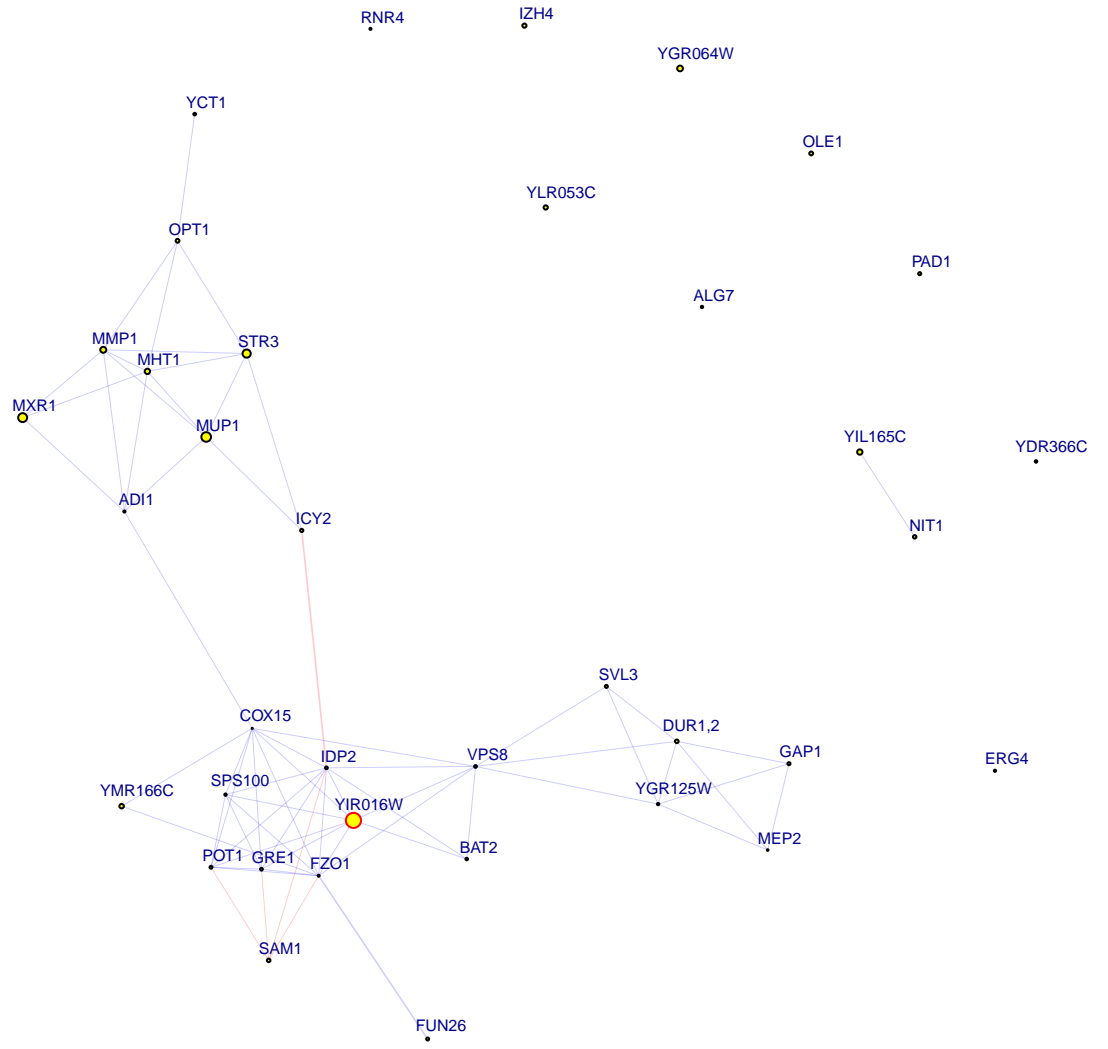
chrIX:227301_A/T top 87 up and down genes



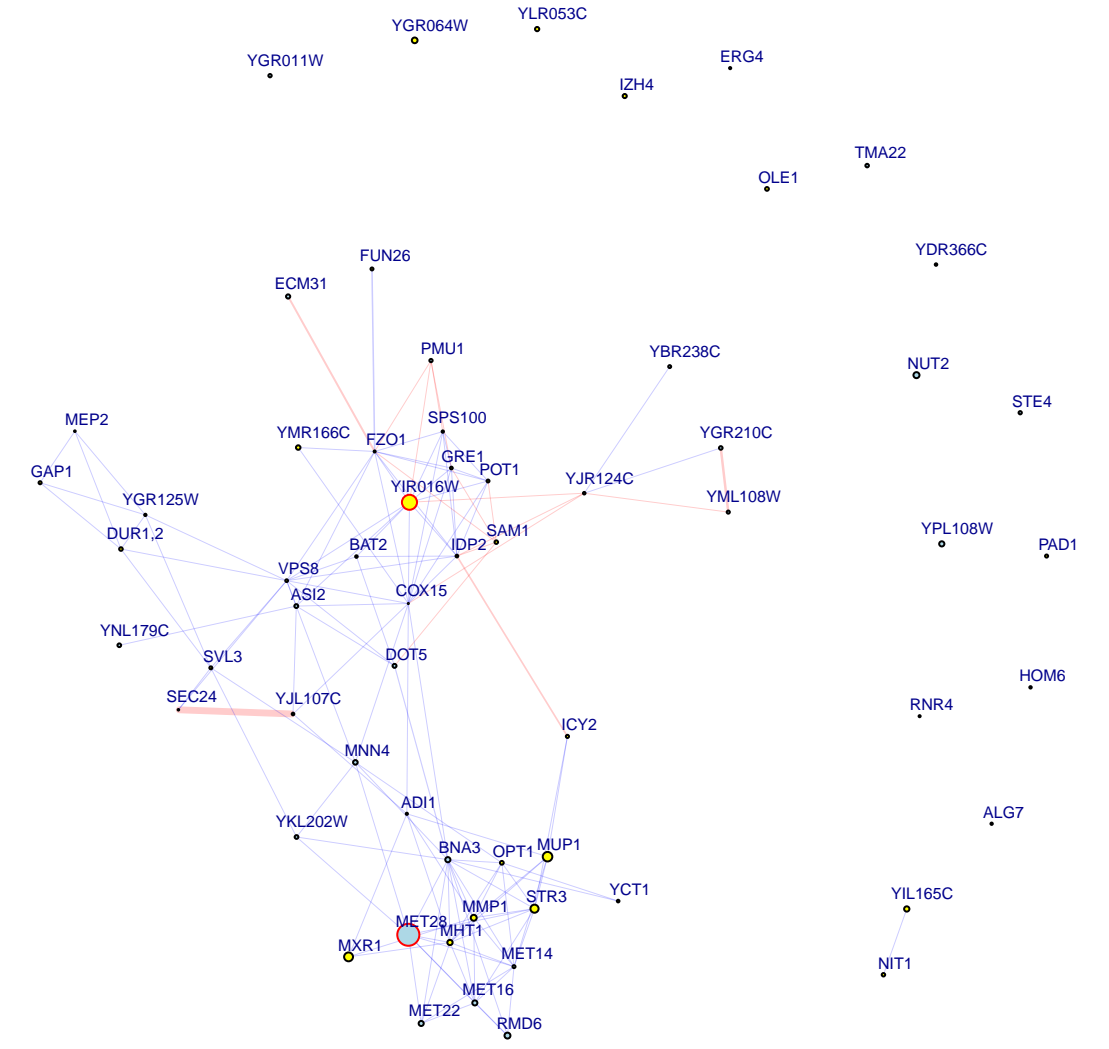
chrIX:386051_A/G top 25 up genes



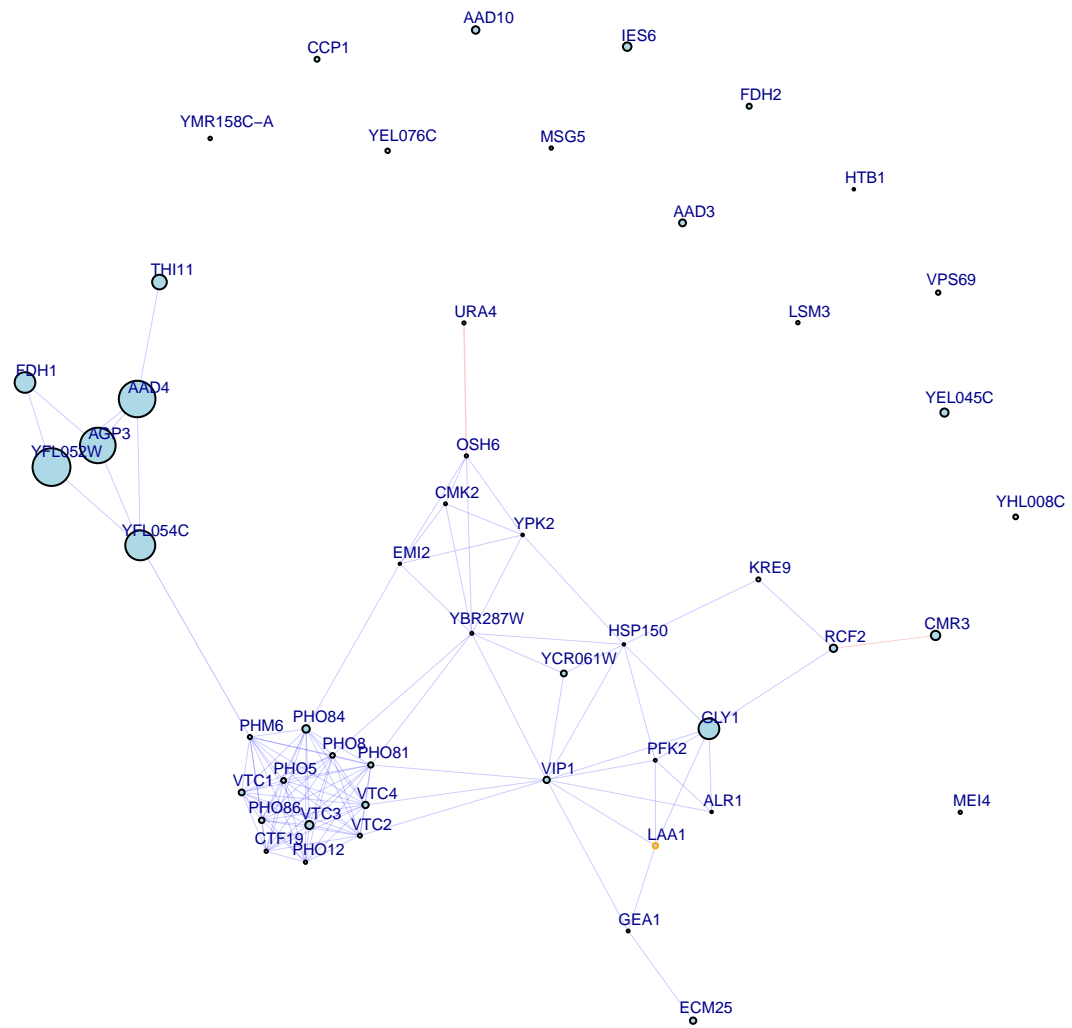
chrIX:386051_A/G top 37 down genes



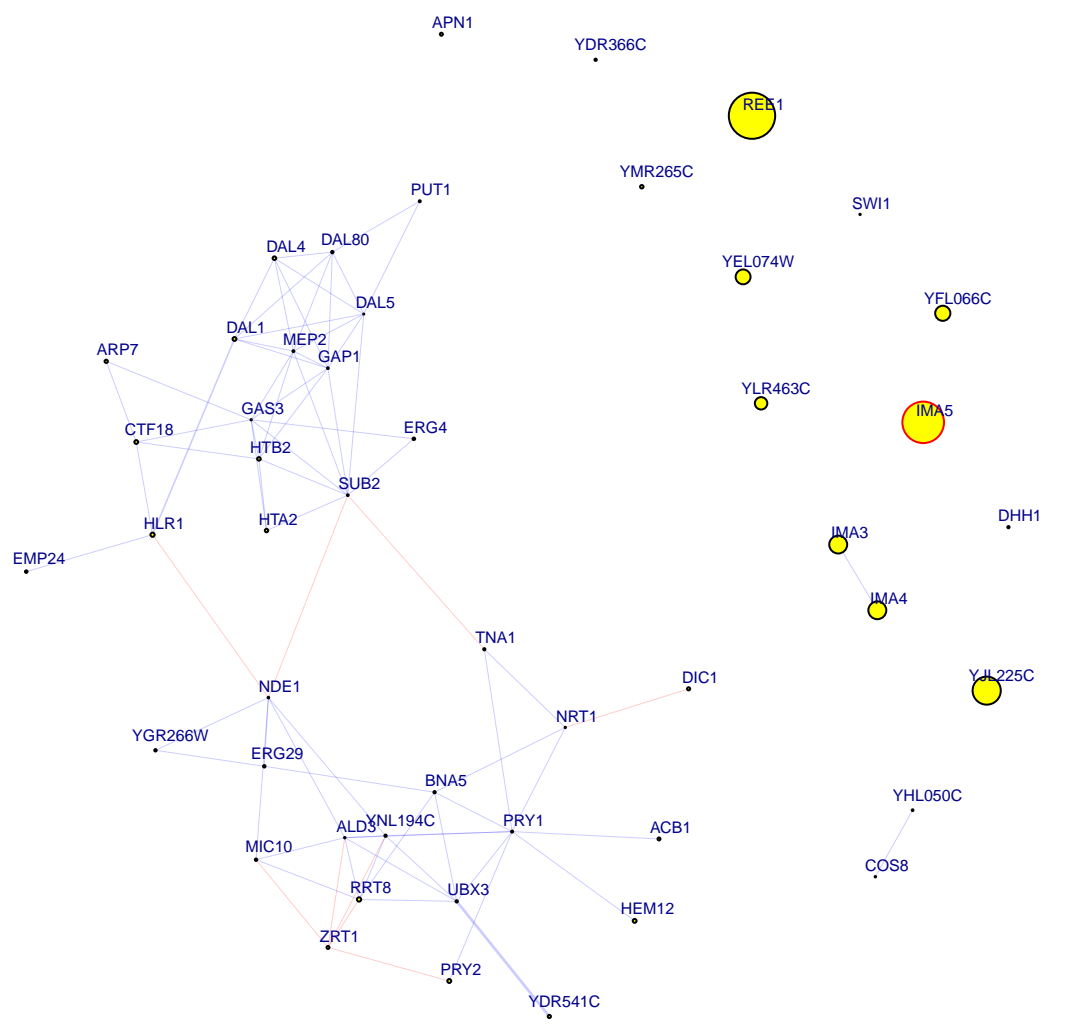
chrIX:386051_A/G top 62 up and down genes



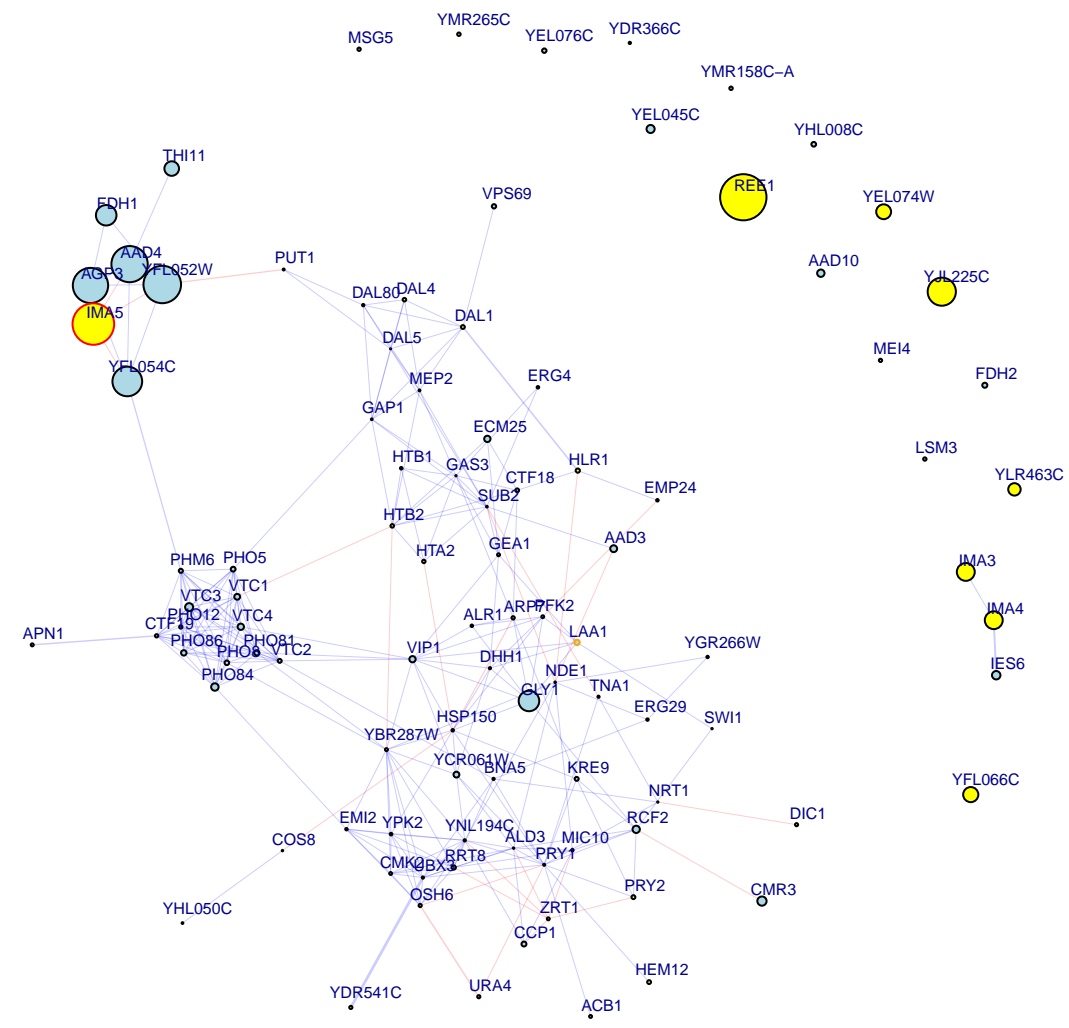
chrX:26108_C/T top 50 up genes



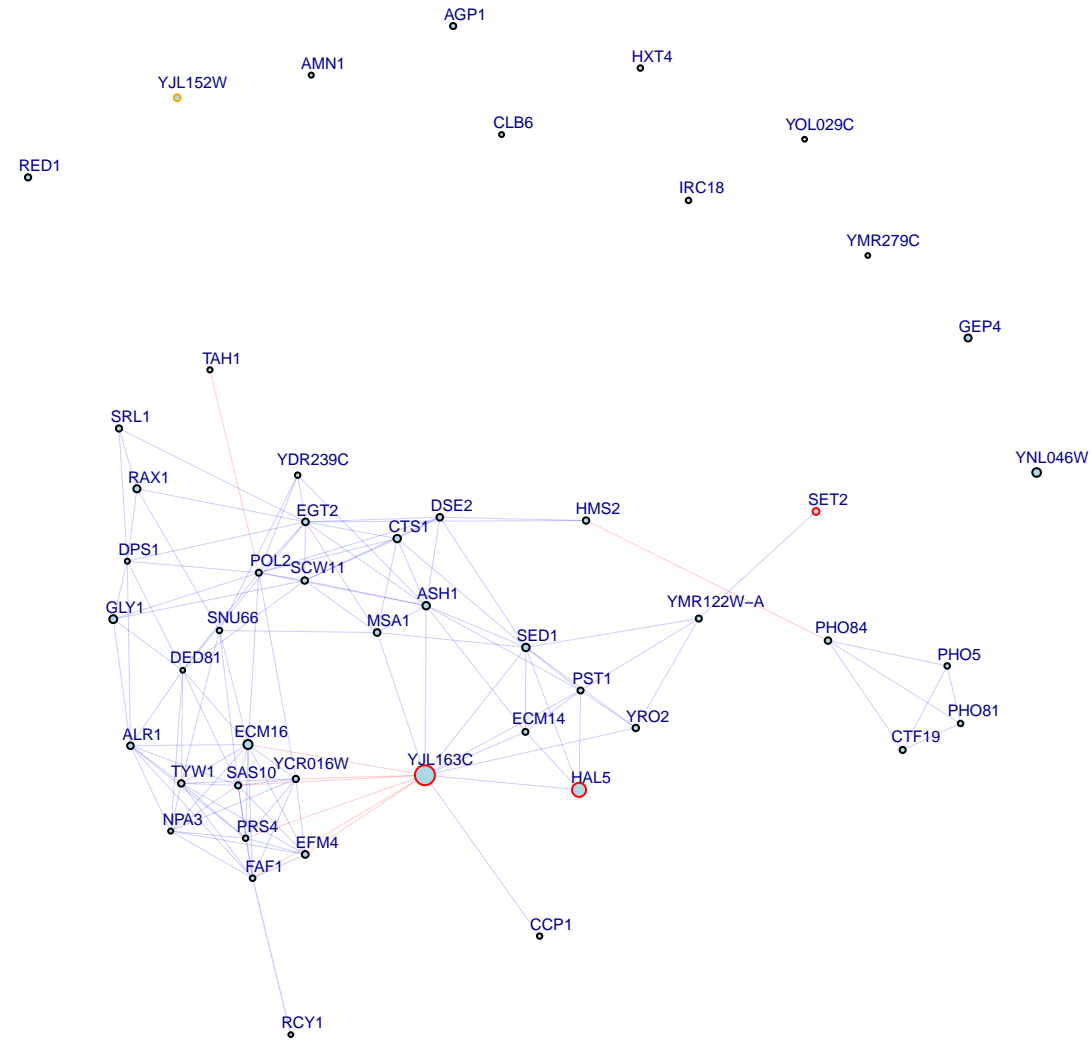
chrX:26108_C/T top 49 down genes



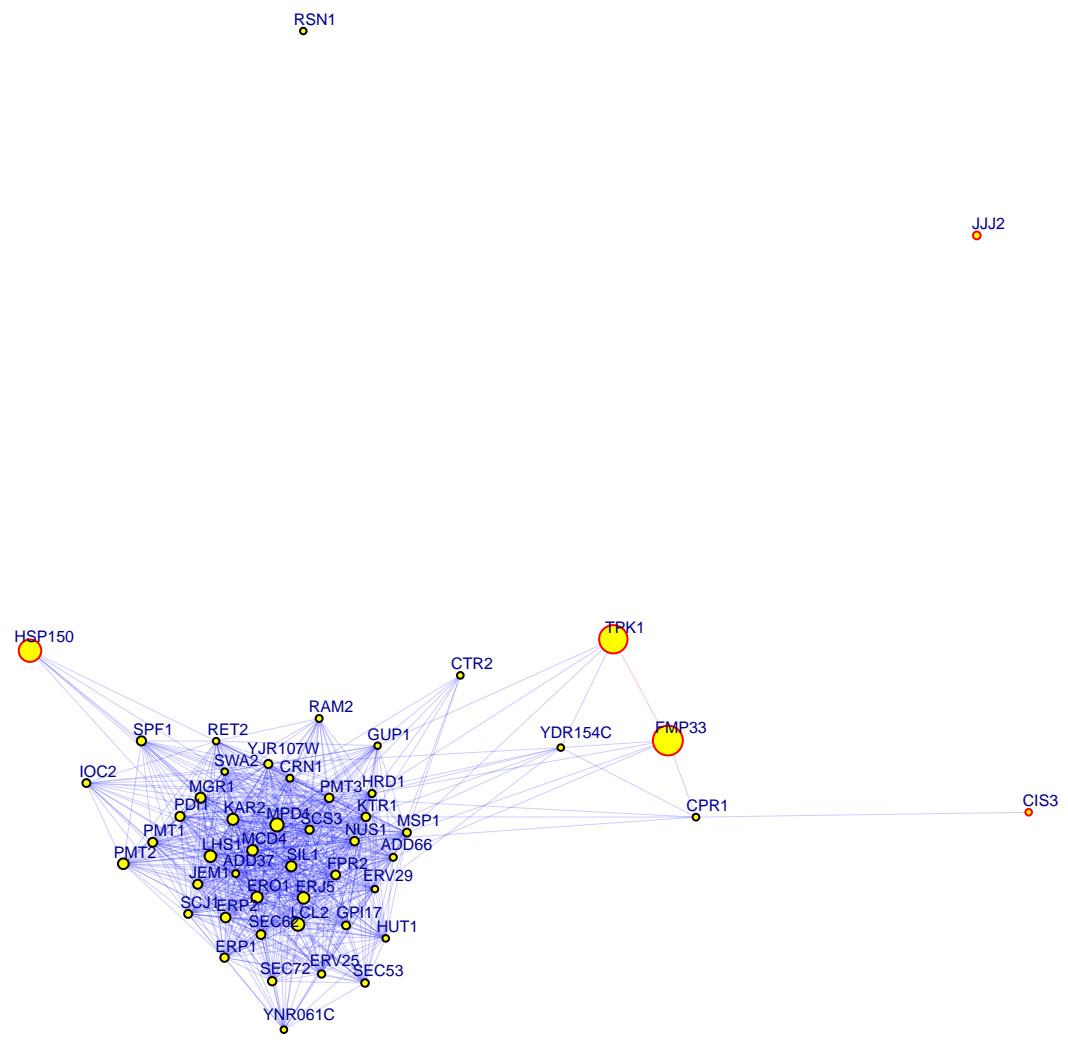
chrX:26108_C/T top 99 up and down genes



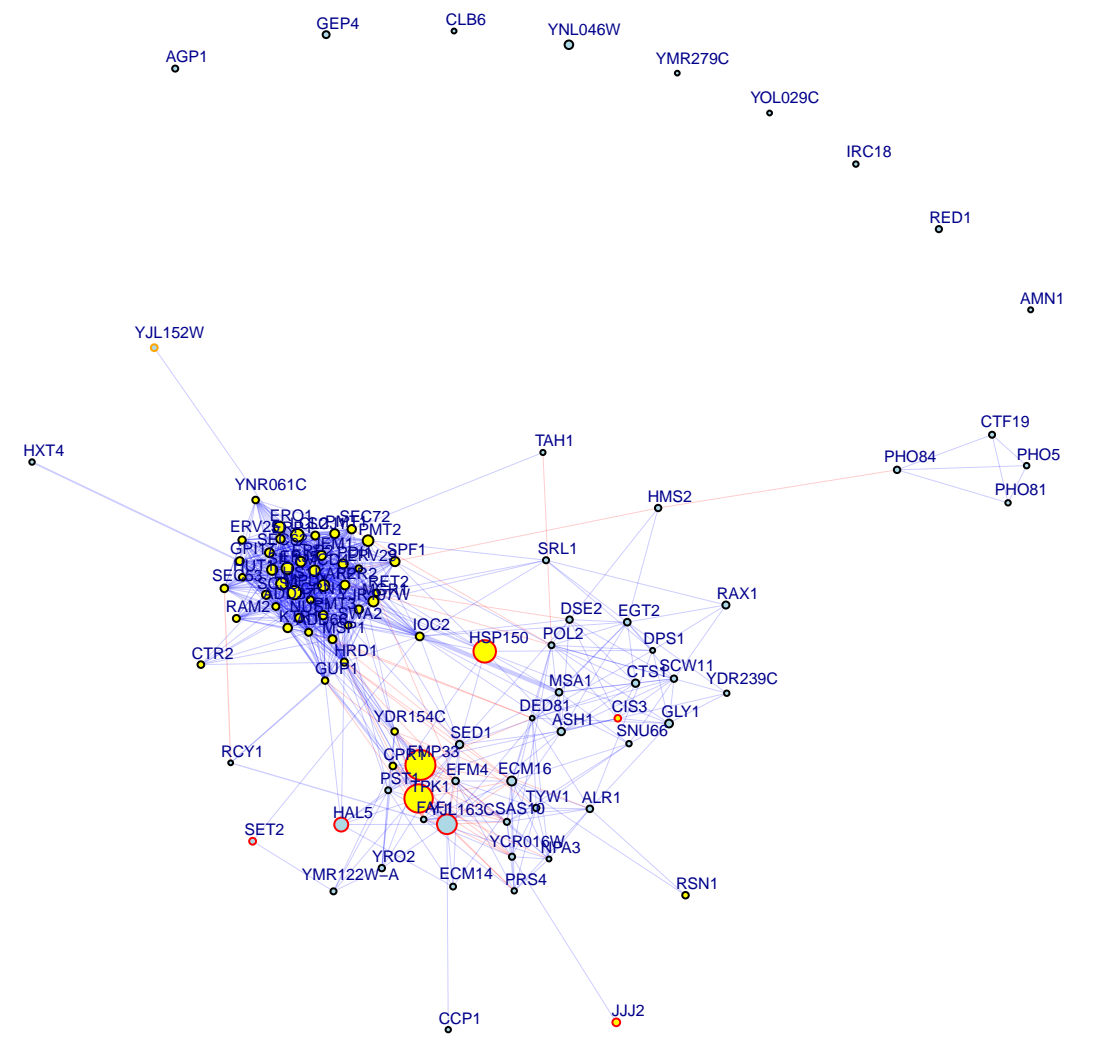
chrX:108904_A/G top 50 up genes



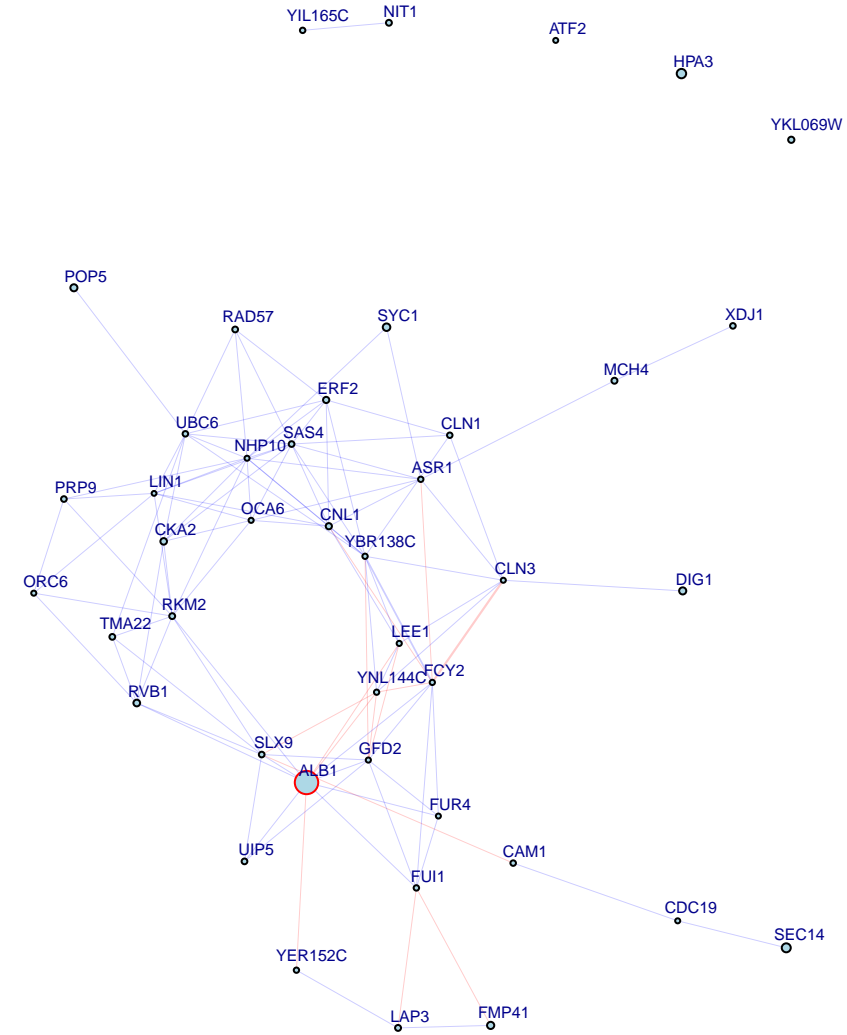
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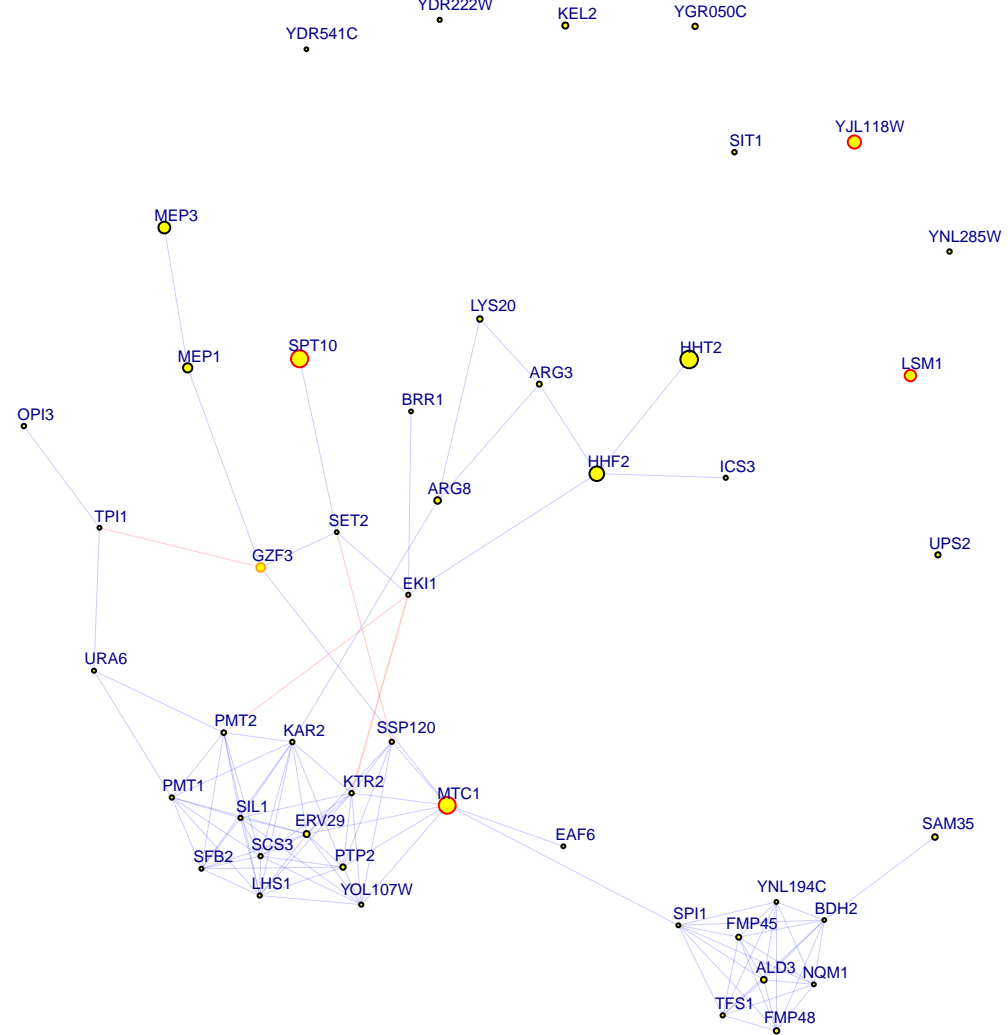
chrX:108904_A/G top 100 up and down genes



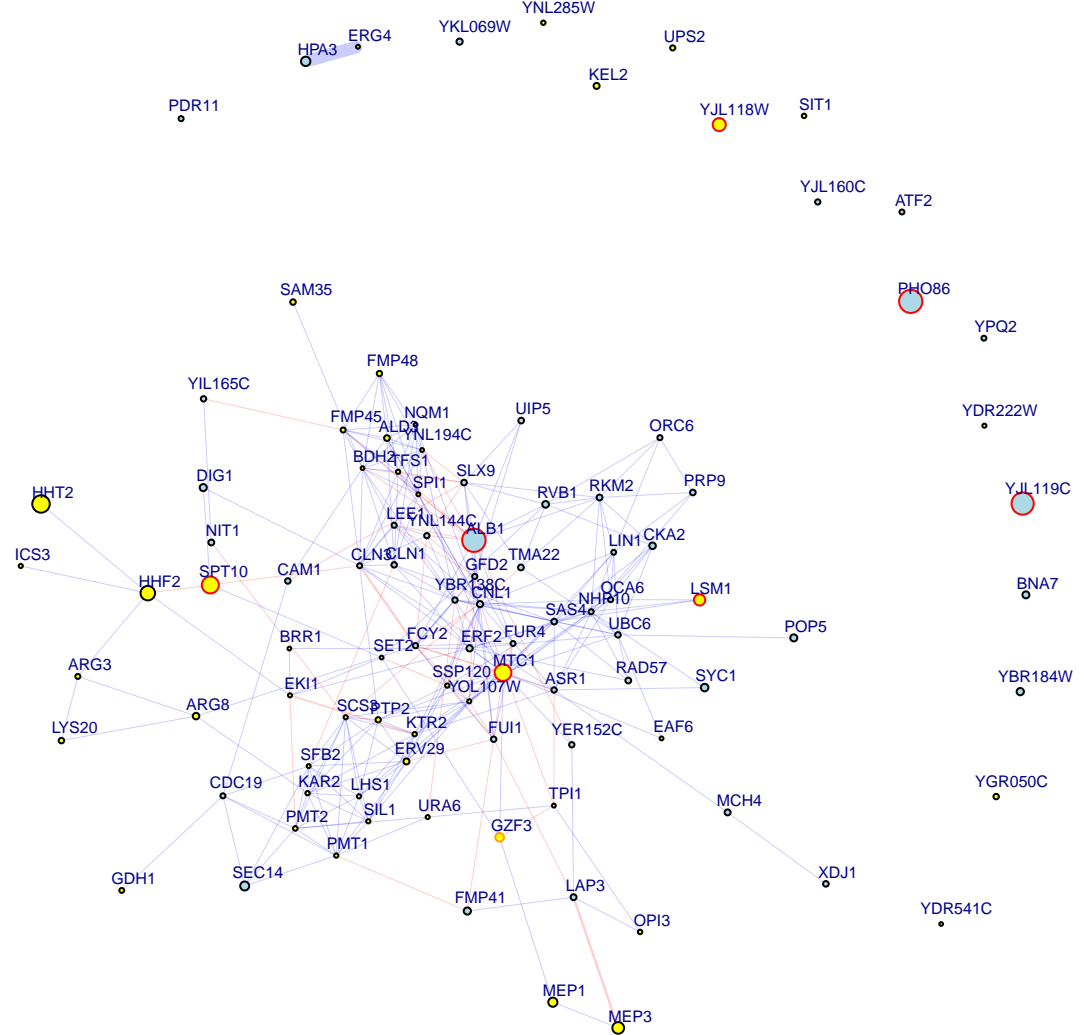
chrX:181214_T/C top 50 up genes



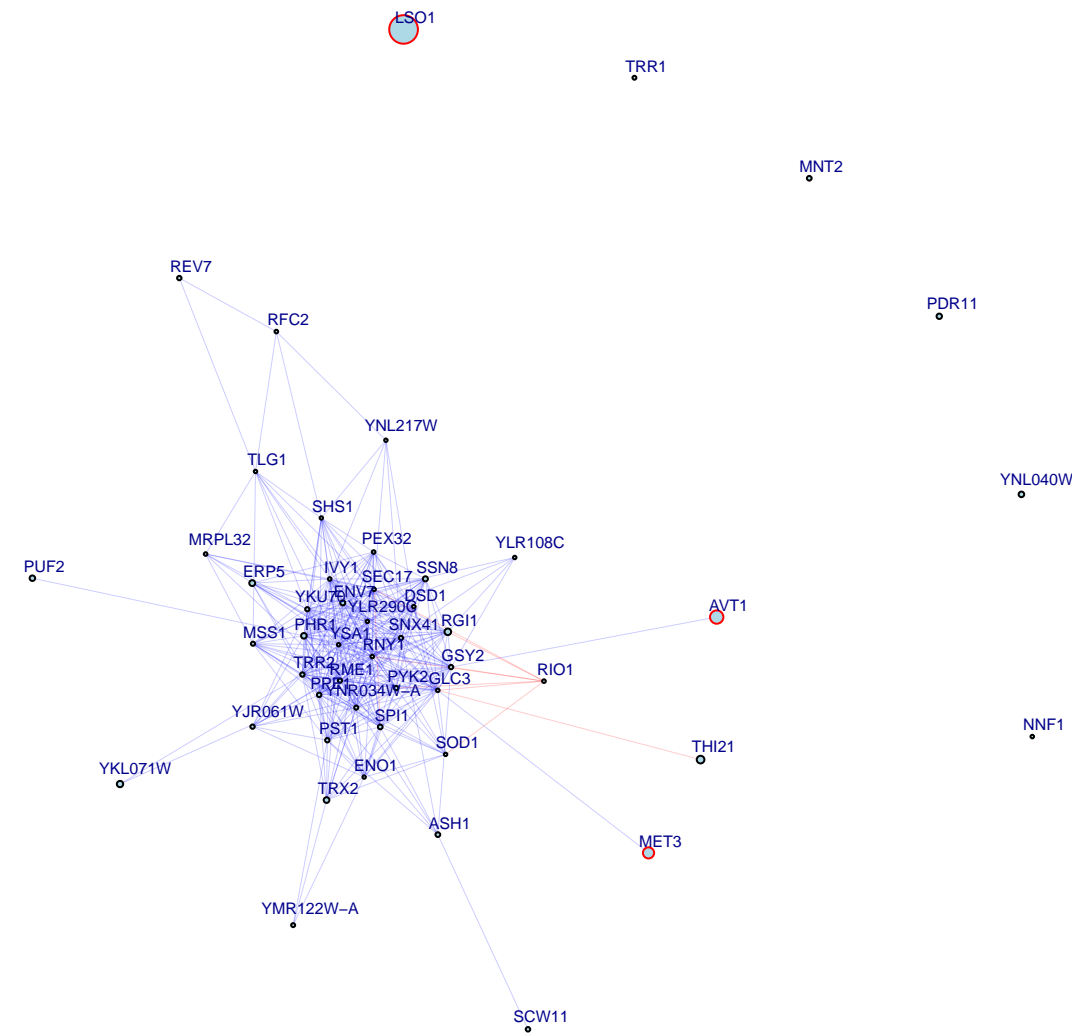
chrX:181214_T/C top 50 down genes



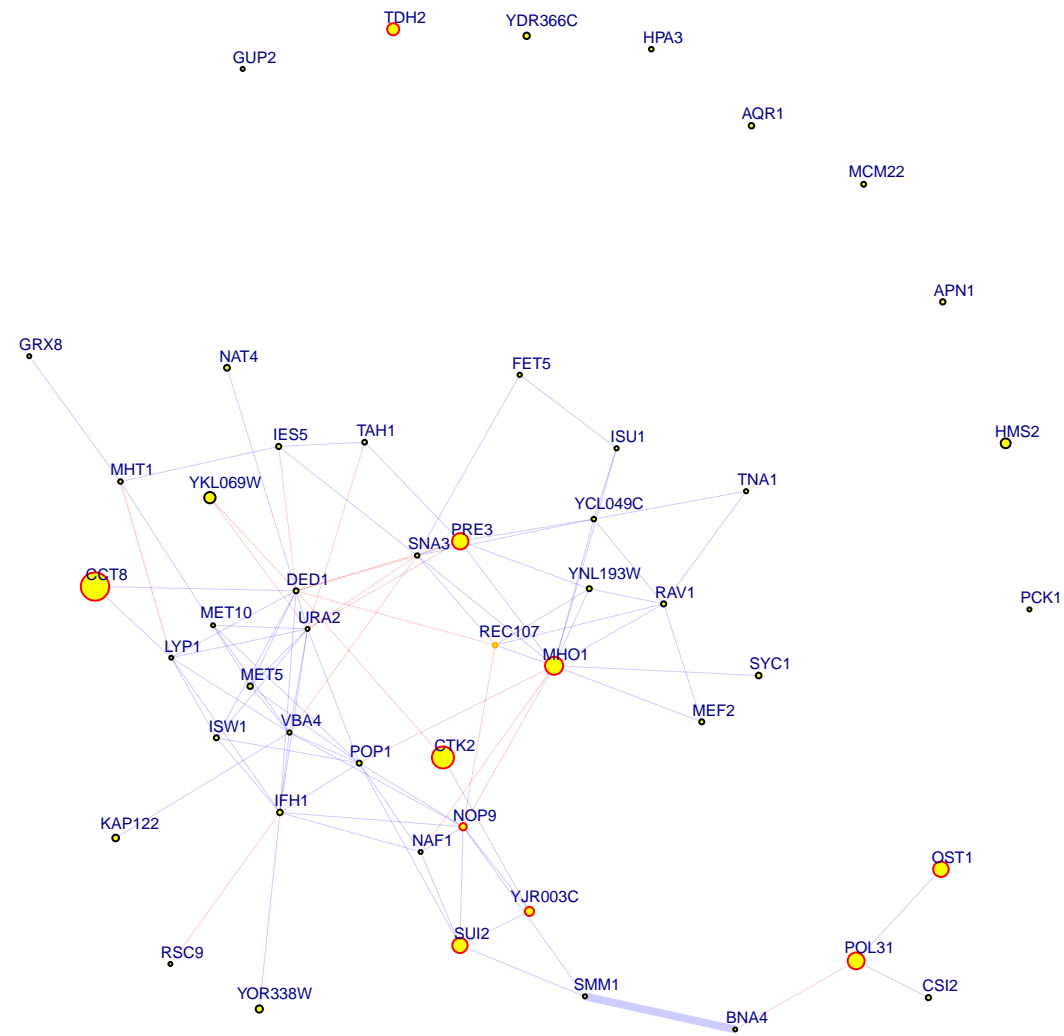
chrX:181214_T/C top 100 up and down genes



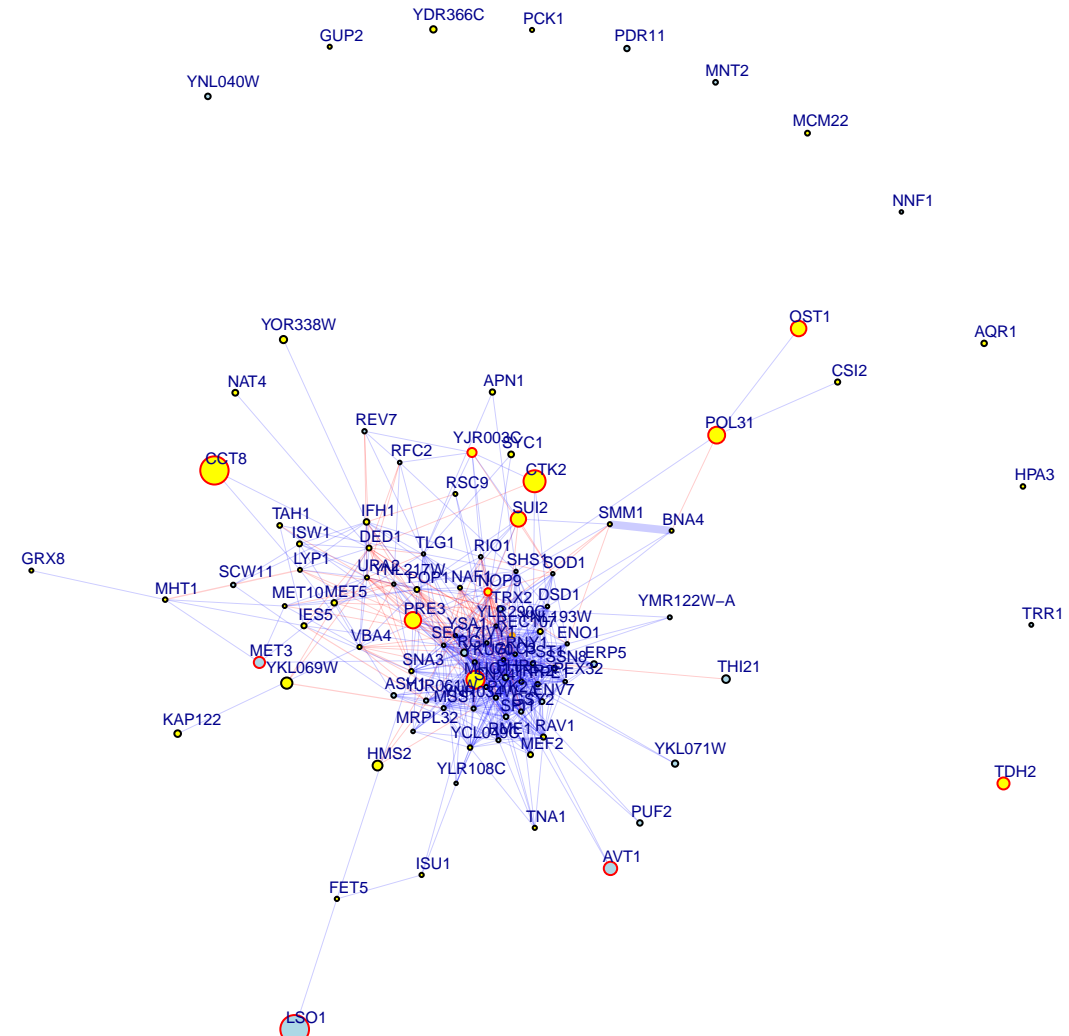
chrX:426287_C/A top 50 up genes



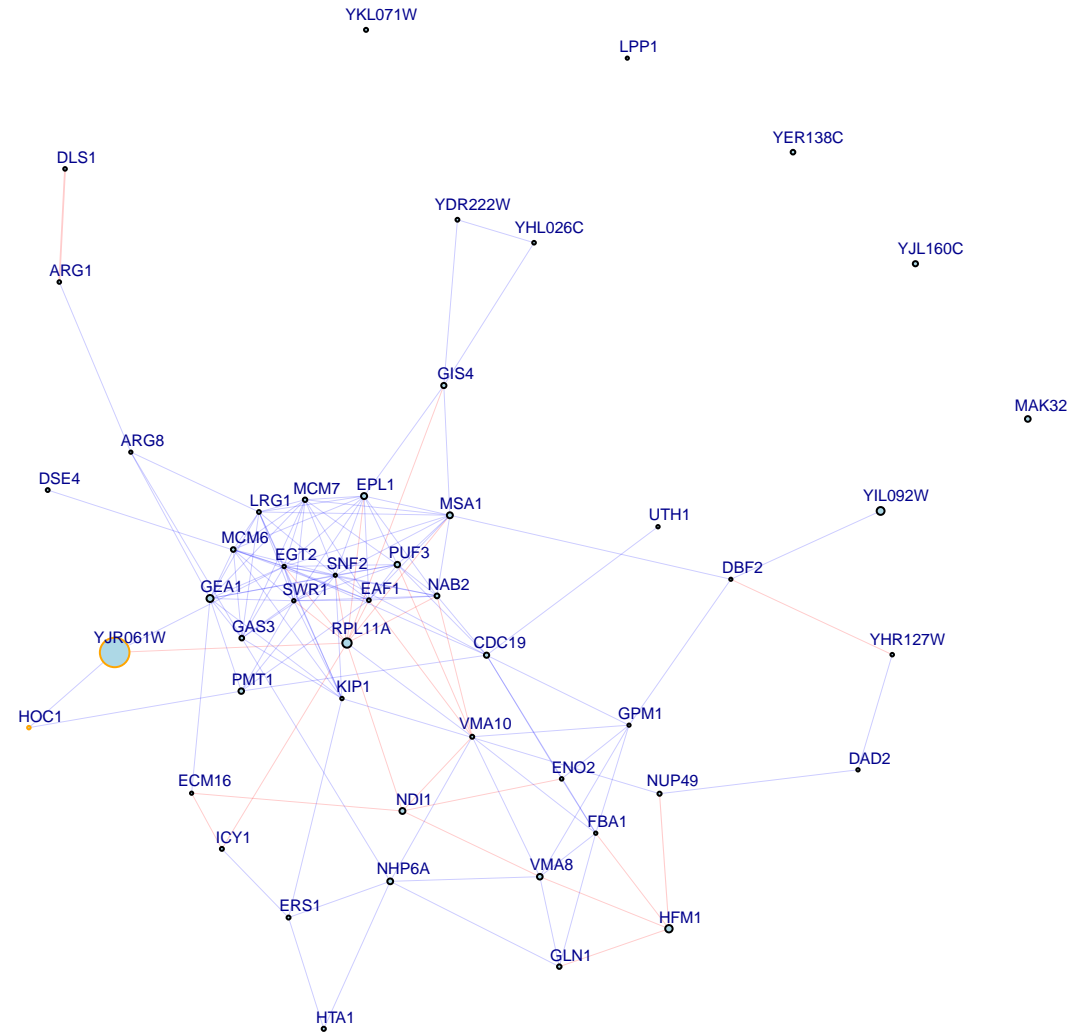
chrX:426287_C/A top 50 down genes



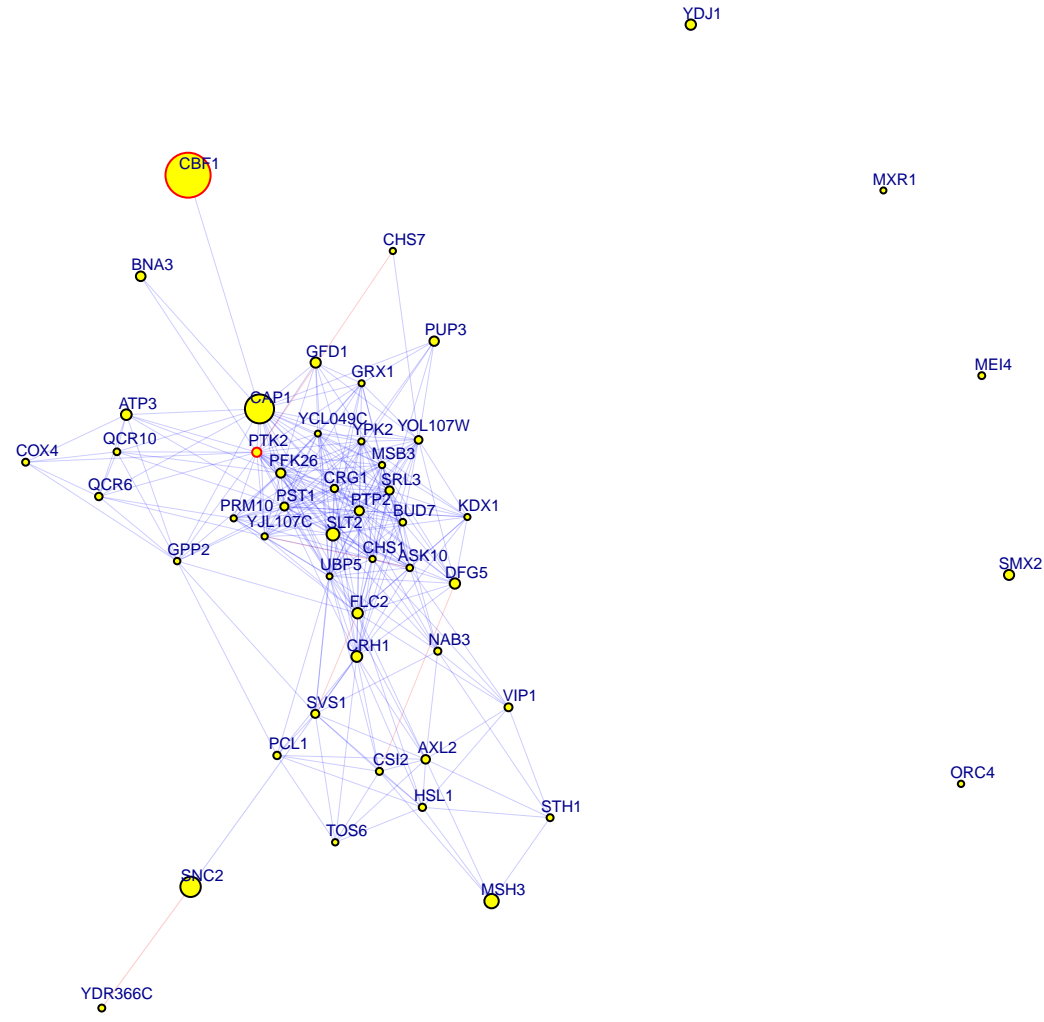
chrX:426287_C/A top 100 up and down genes



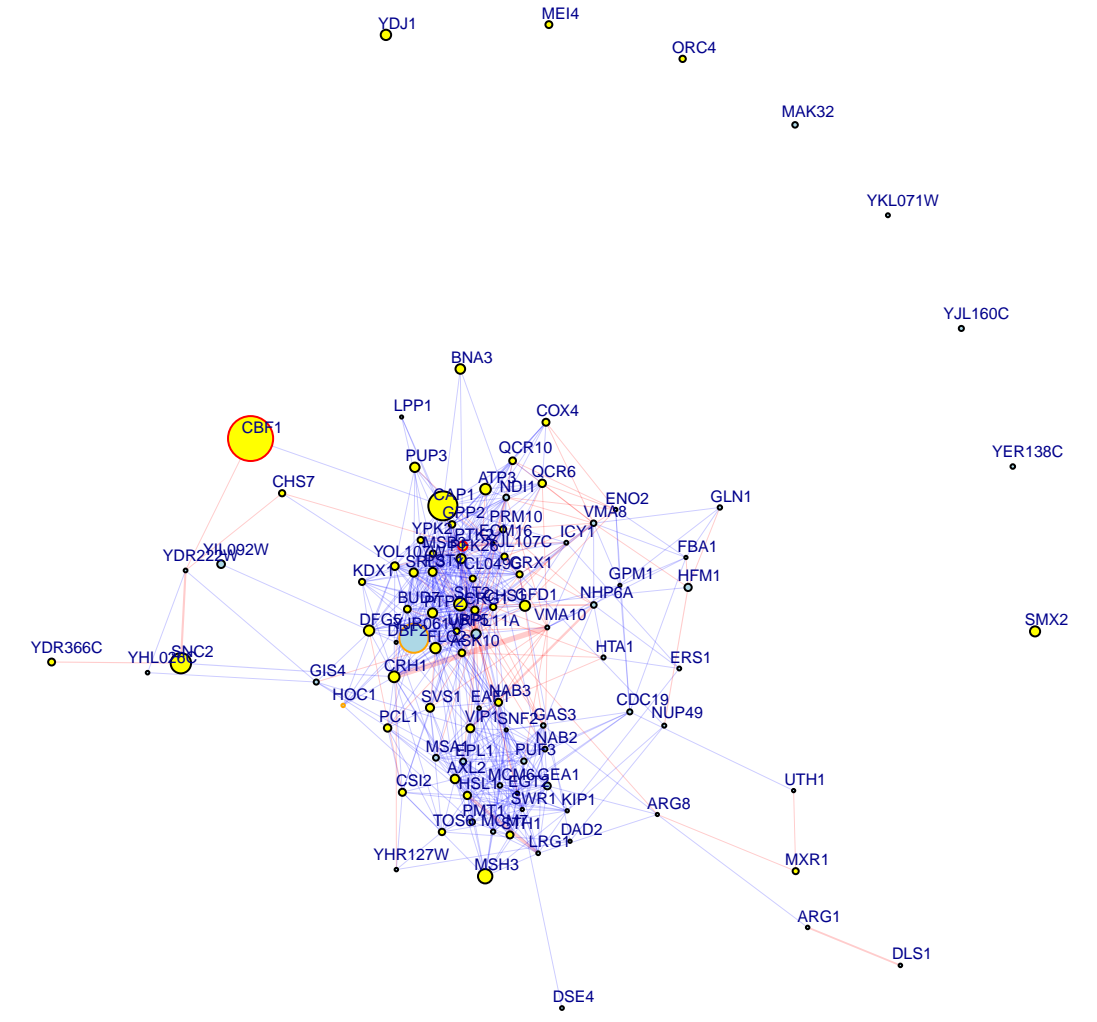
chrX:548174_T/C top 50 up genes



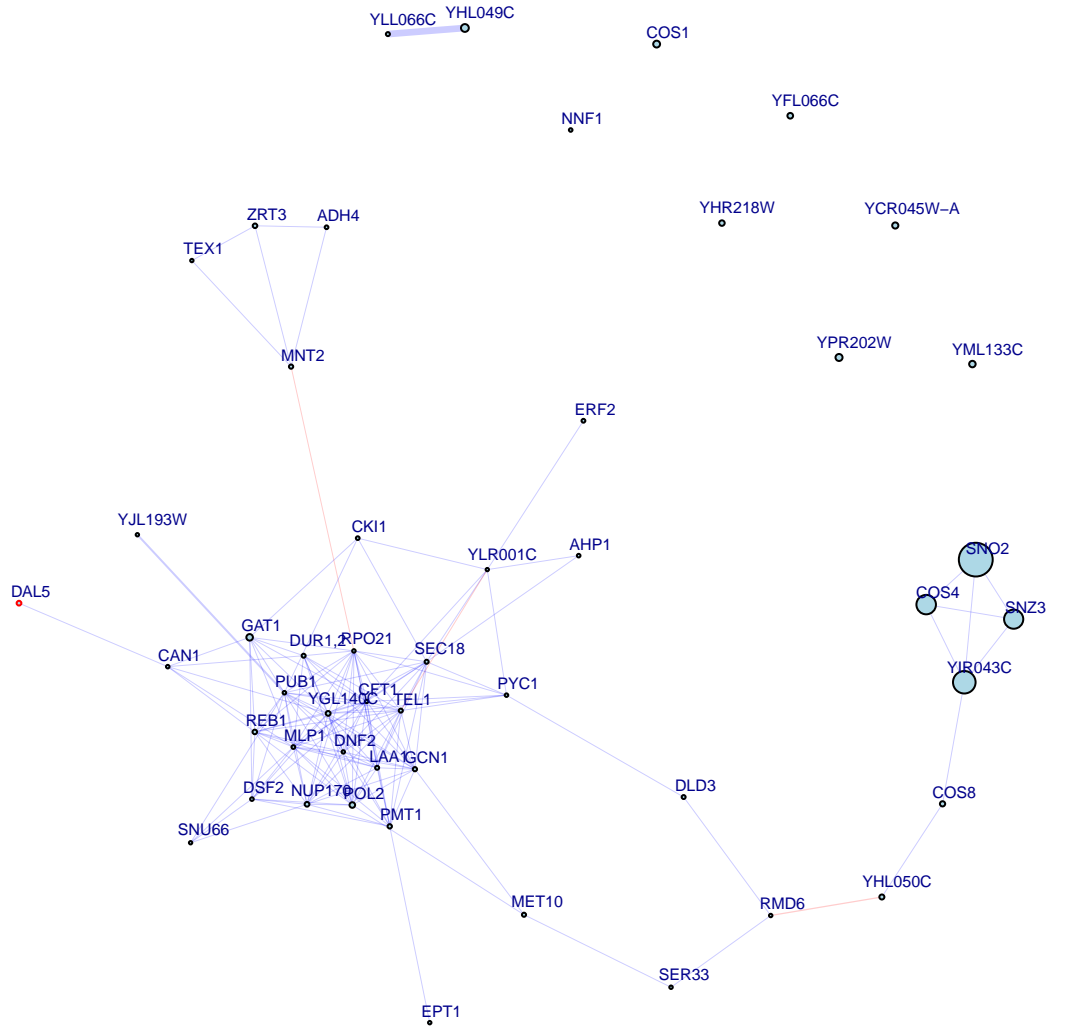
chrX:548174_T/C top 50 down genes



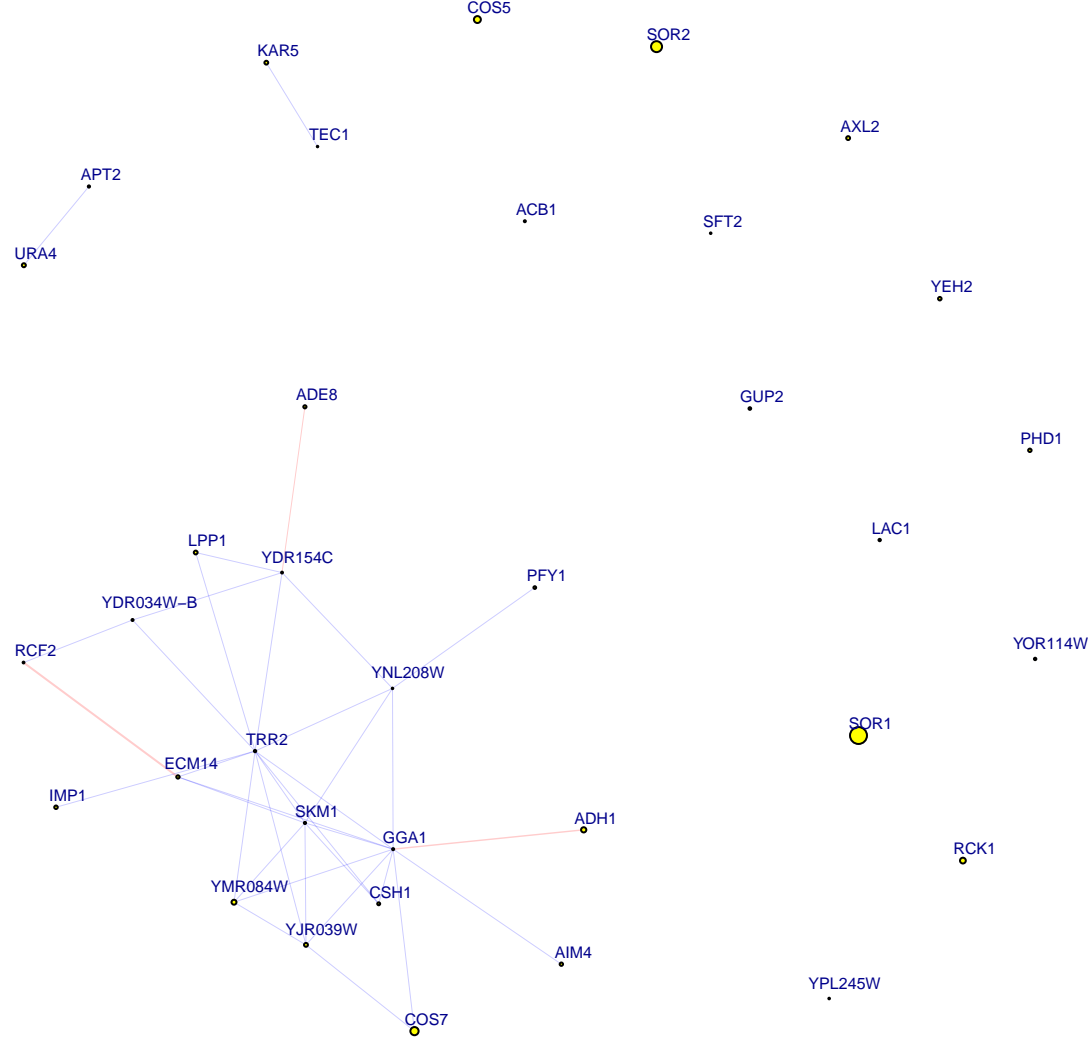
chrX:548174_T/C top 100 up and down genes



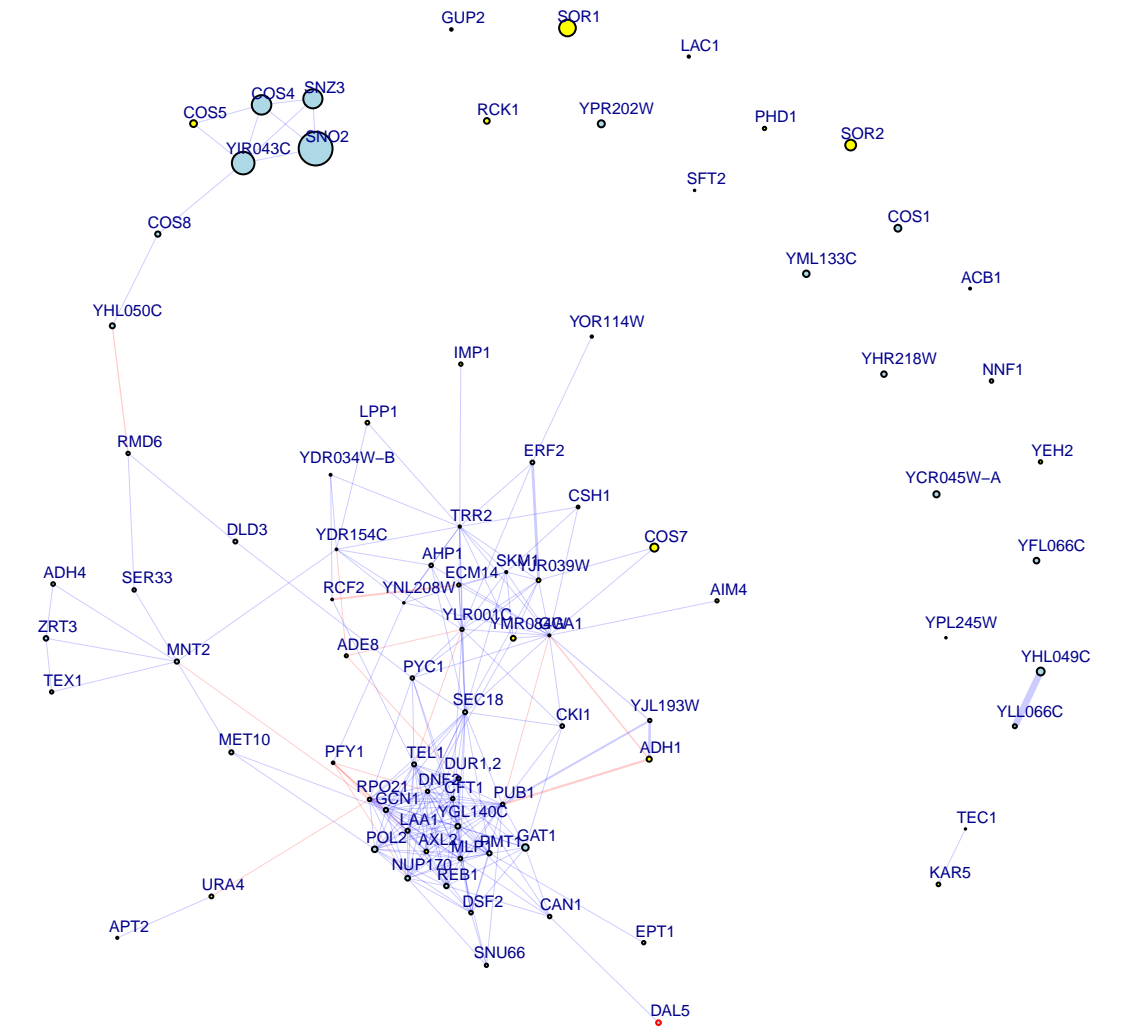
chrX:722130_T/C top 50 up genes



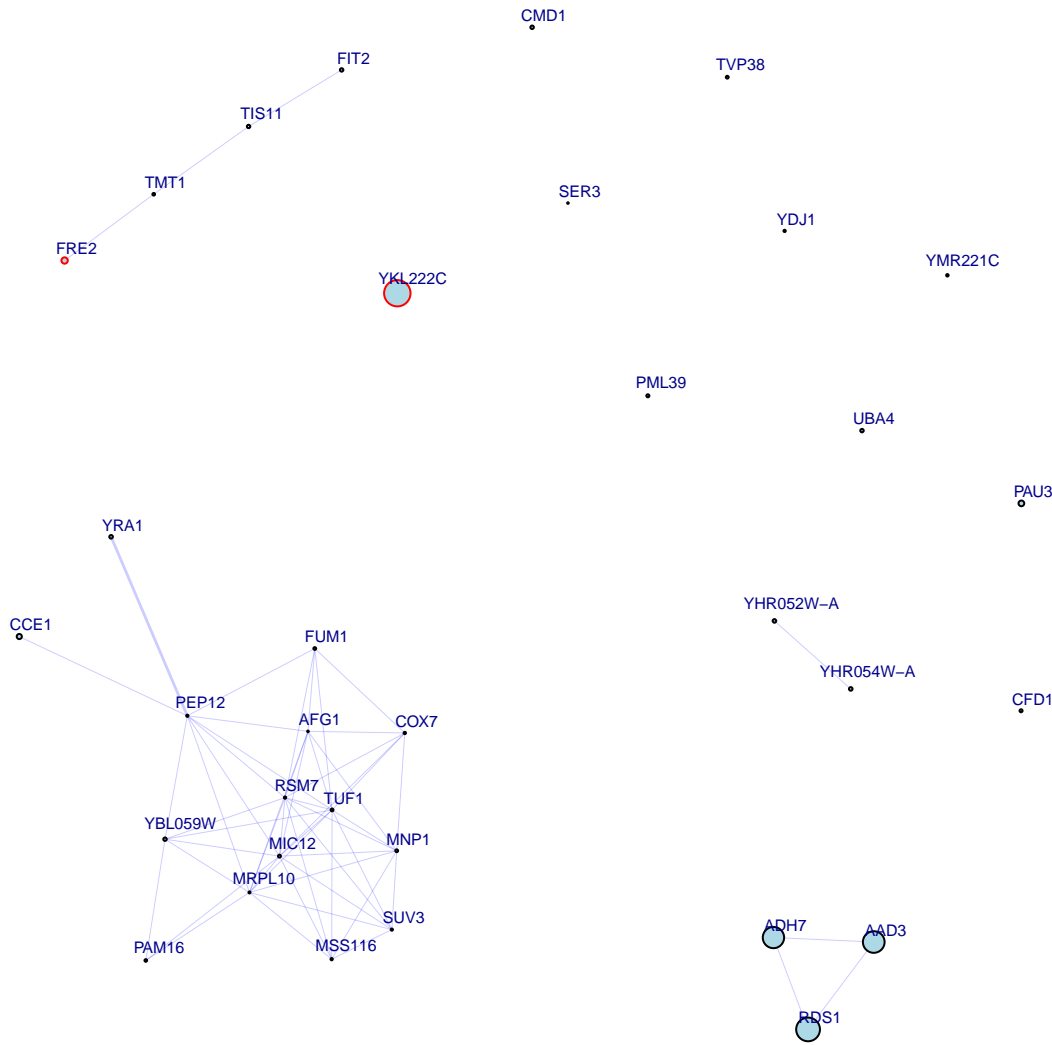
chrX:722130_T/C top 35 down genes



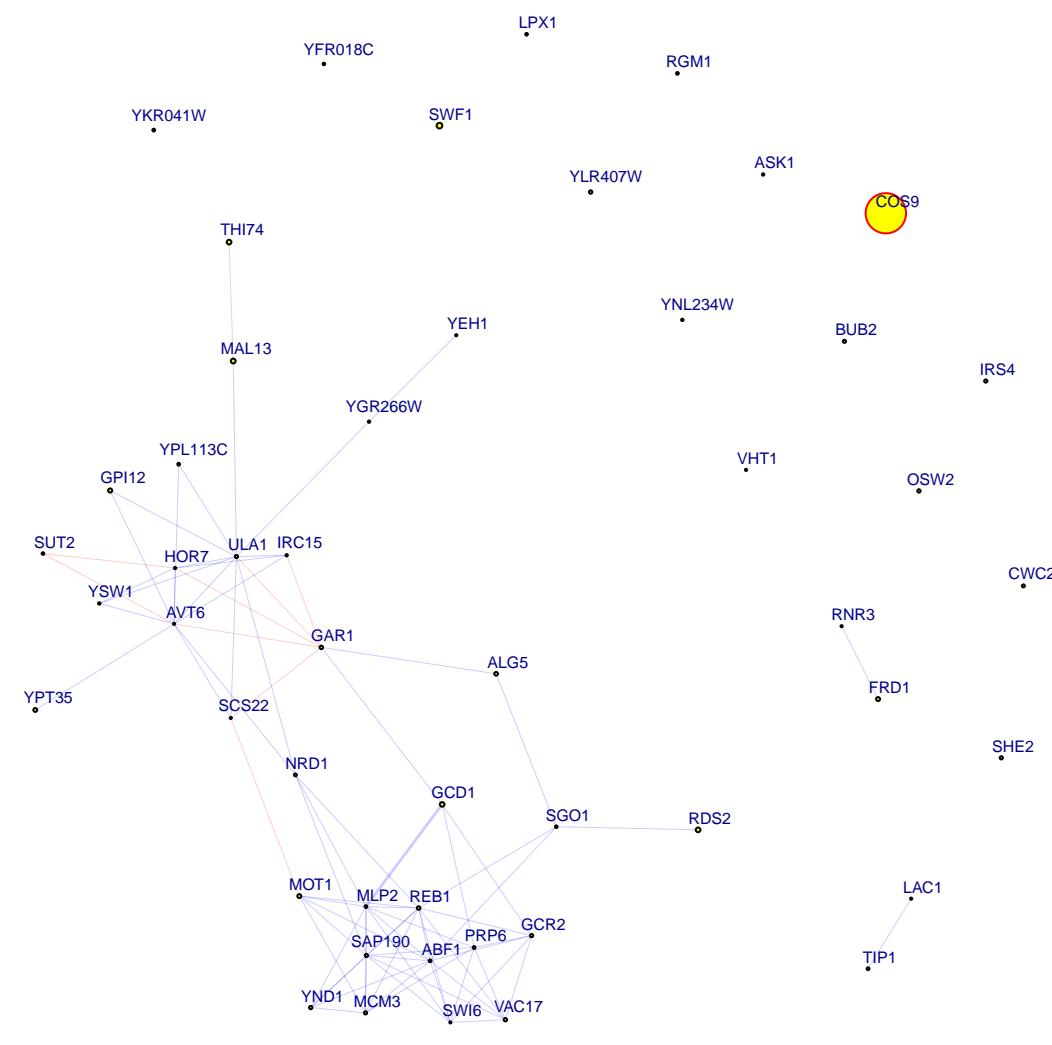
chrX:722130_T/C top 85 up and down genes



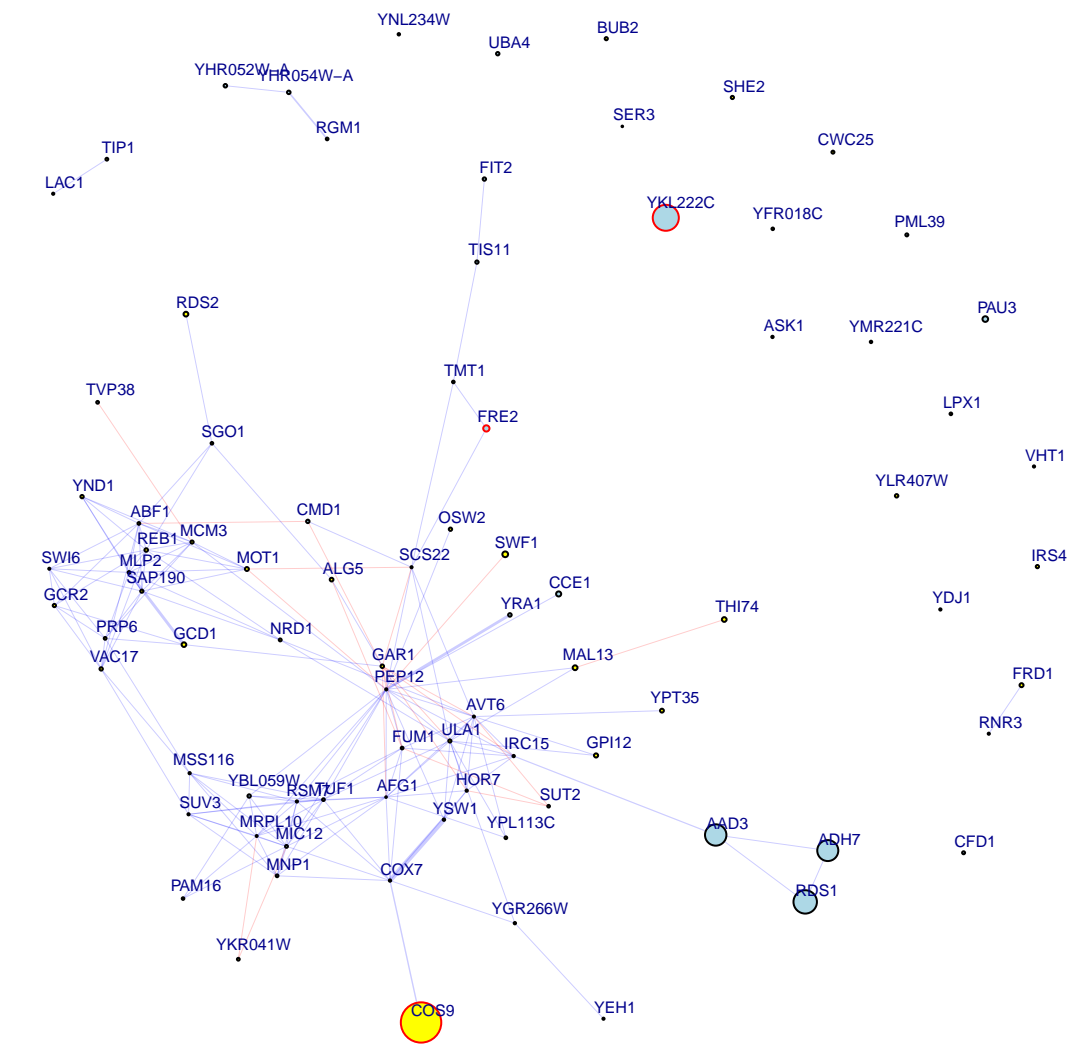
chrXI:4534_G/A top 34 up genes



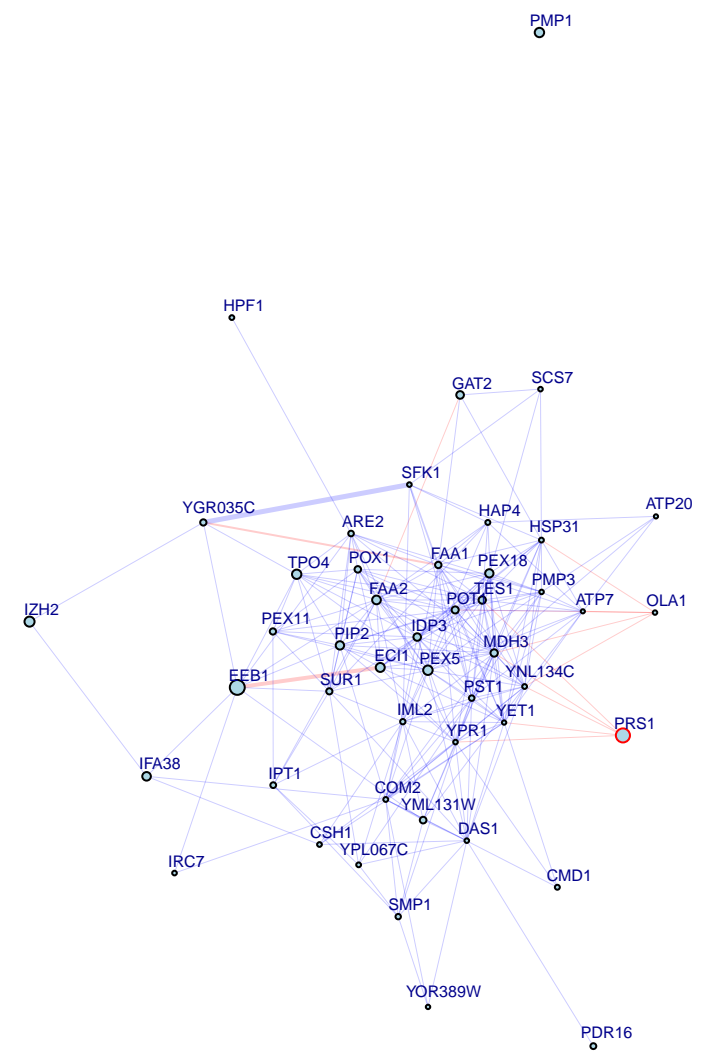
chrXI:4534_G/A top 50 down genes



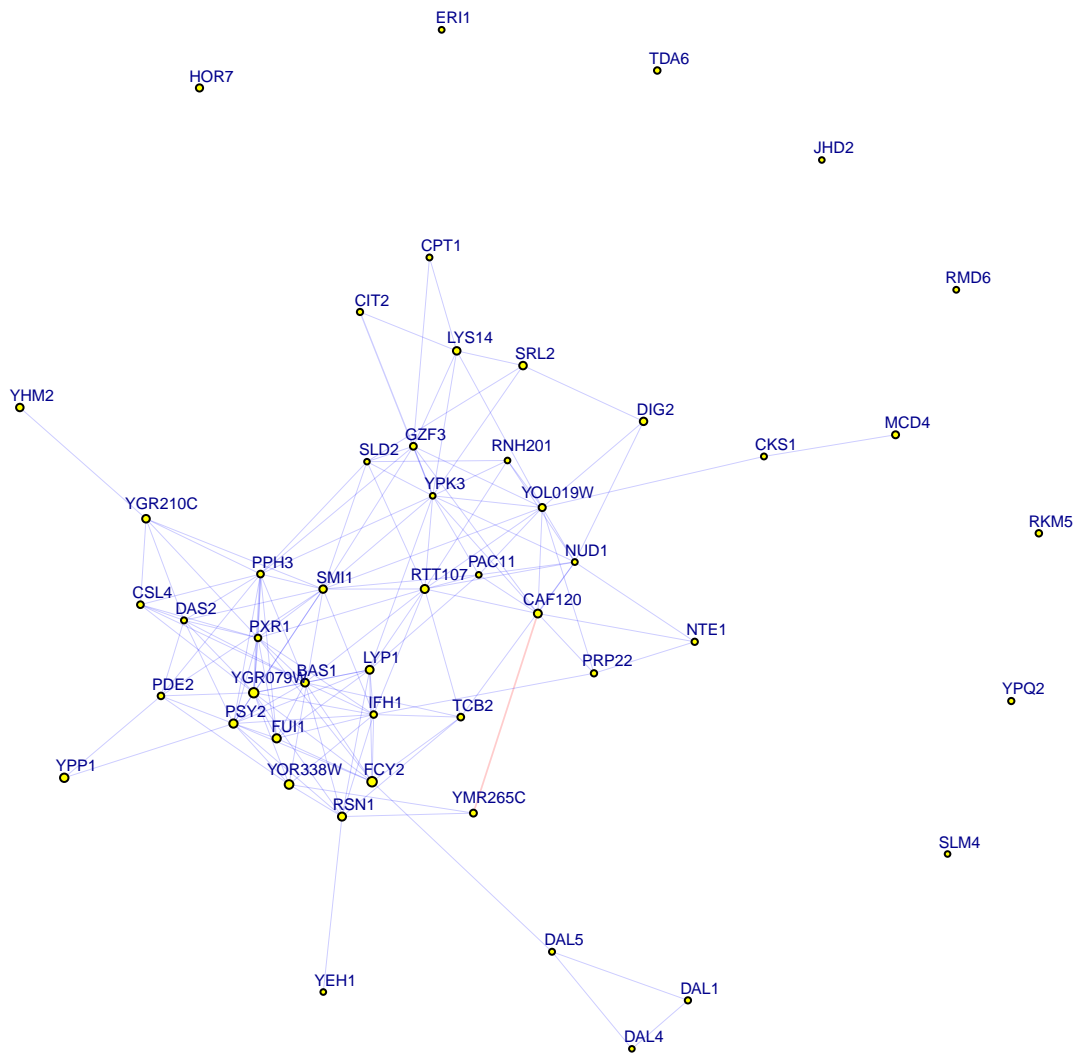
chrXI:4534_G/A top 84 up and down genes



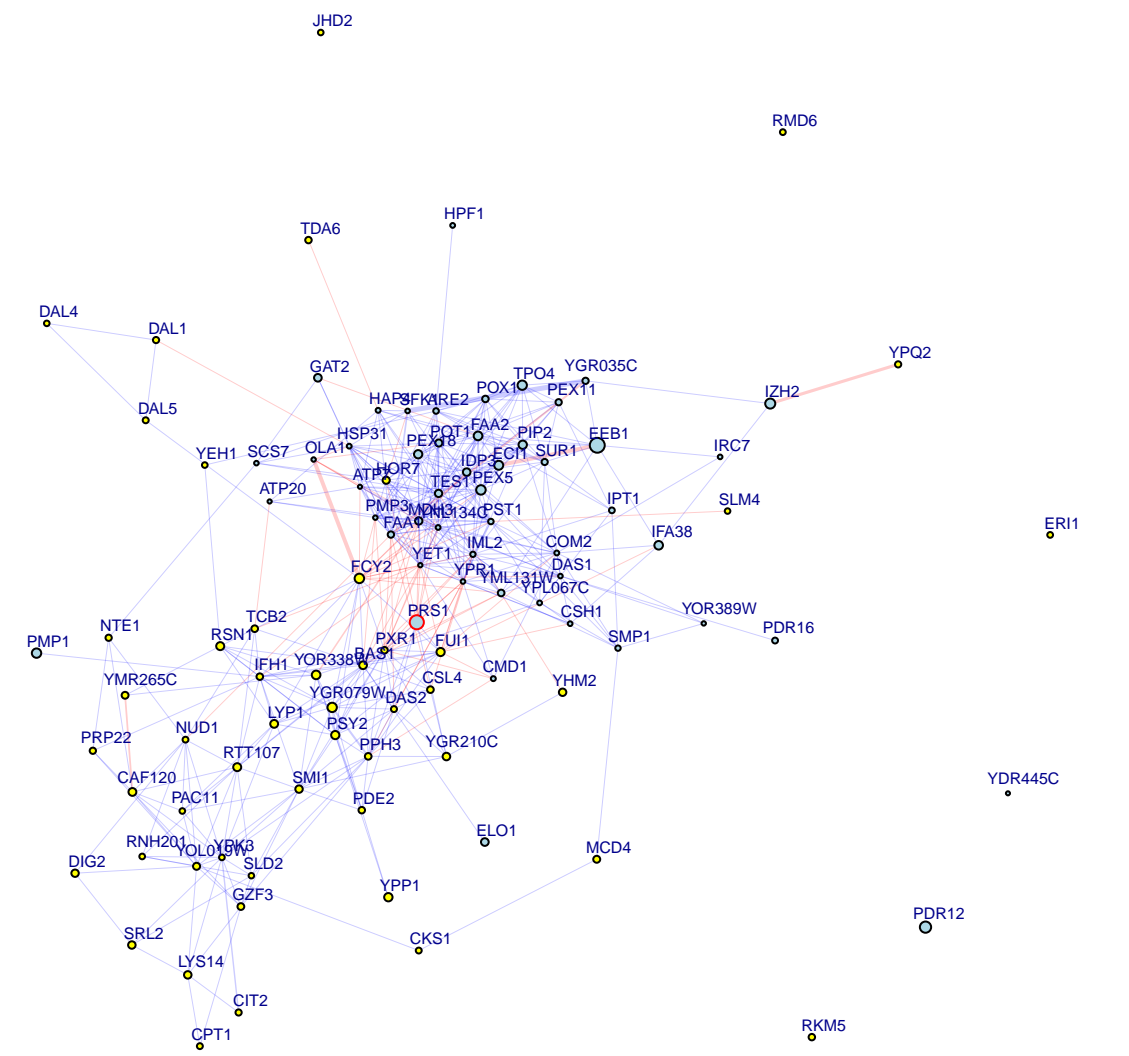
chrXI:102908_C/T top 50 up genes



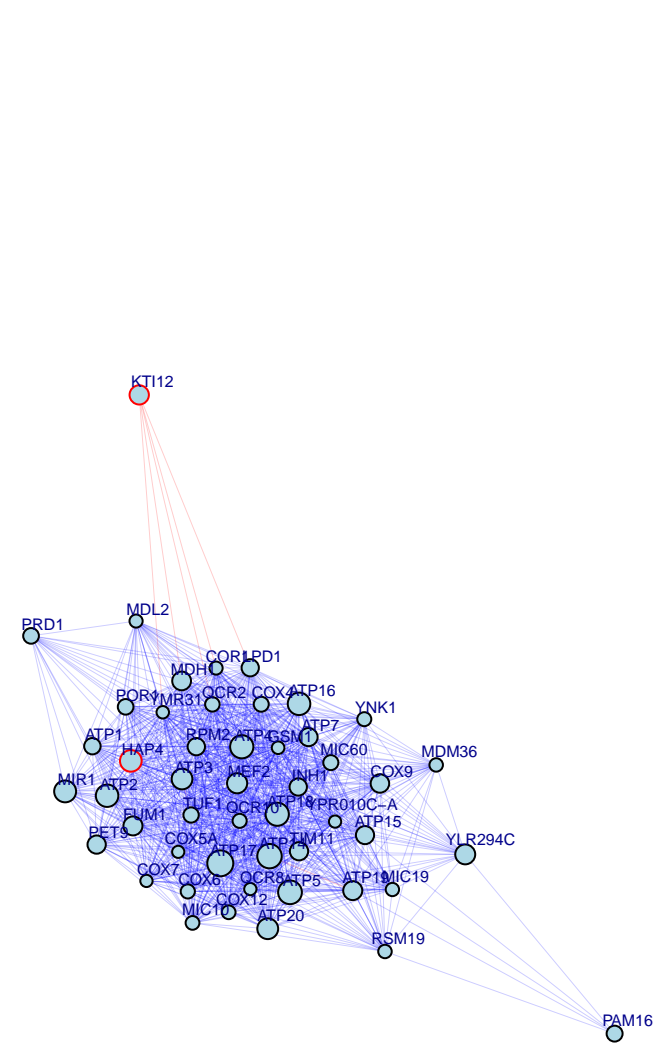
chrXI:102908_C/T top 50 down genes



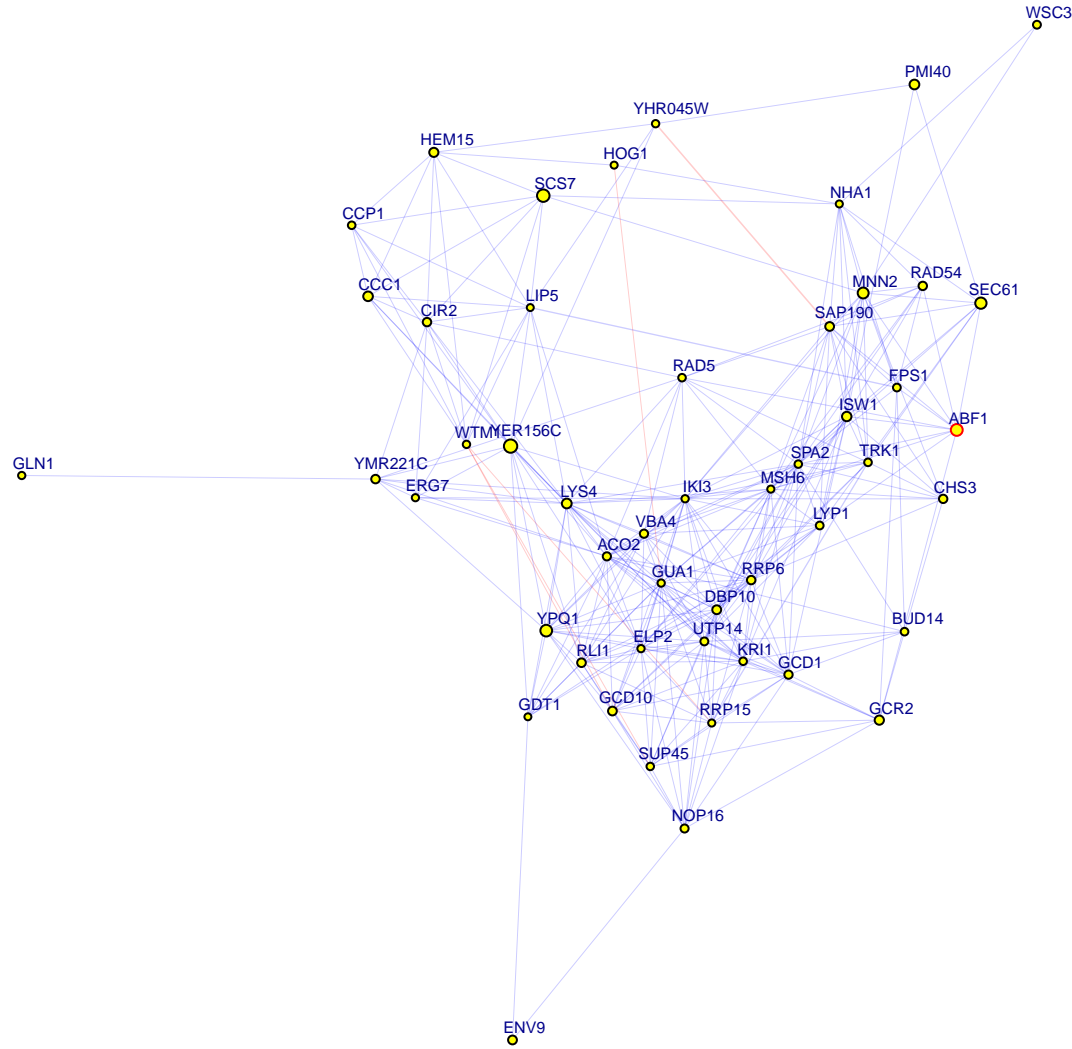
chrXI:102908_C/T top 100 up and down genes



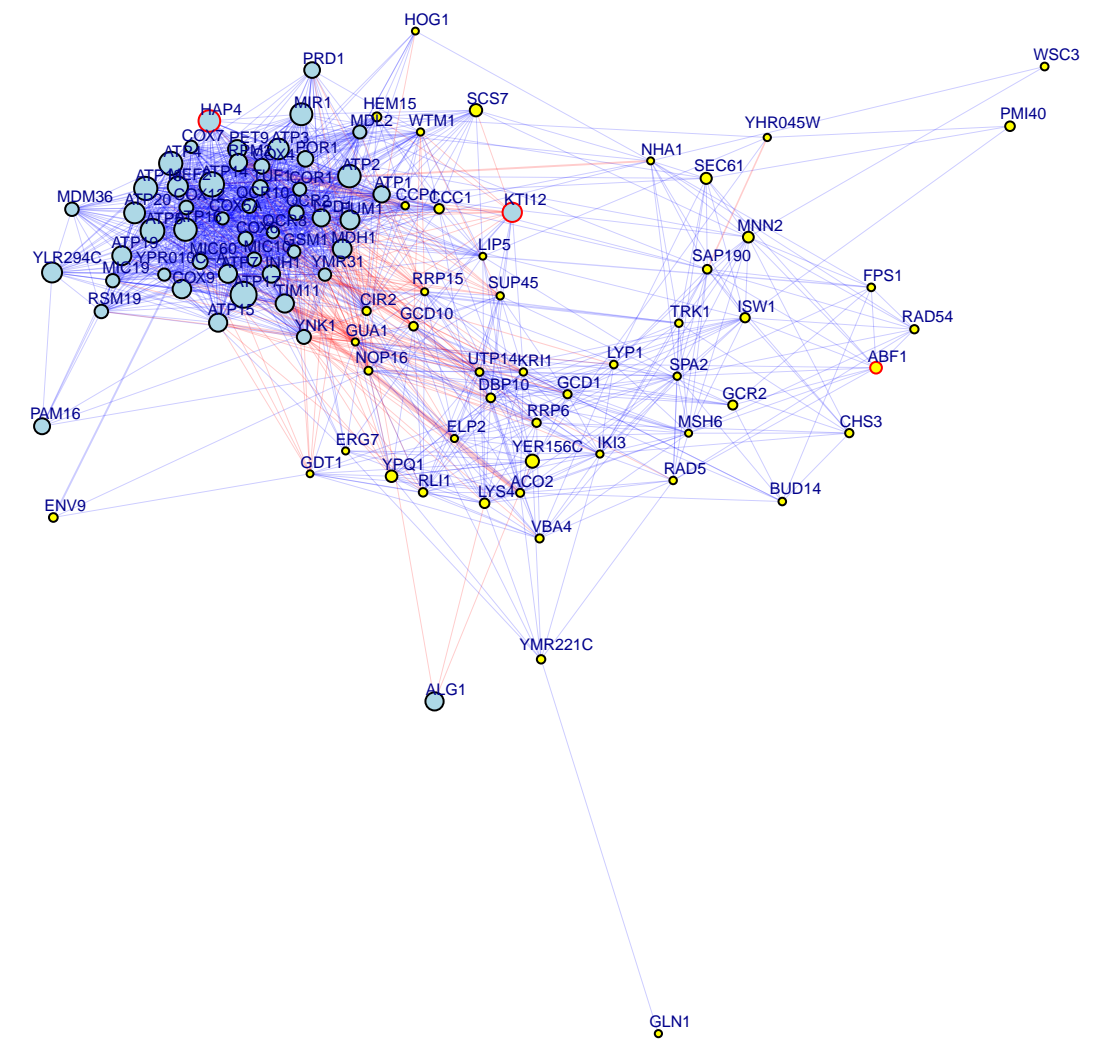
chrXI:232667_A/T top 50 up genes



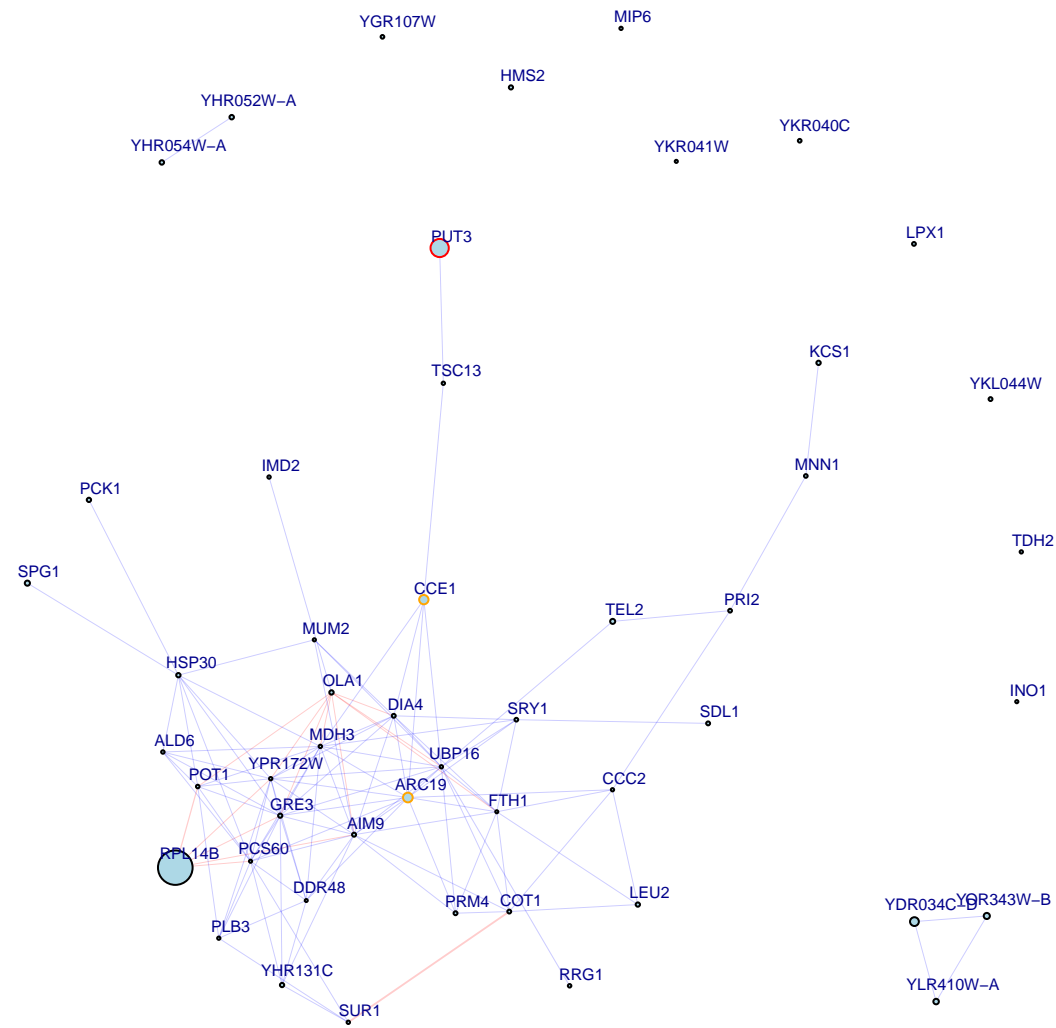
chrXI:232667_A/T top 50 down genes



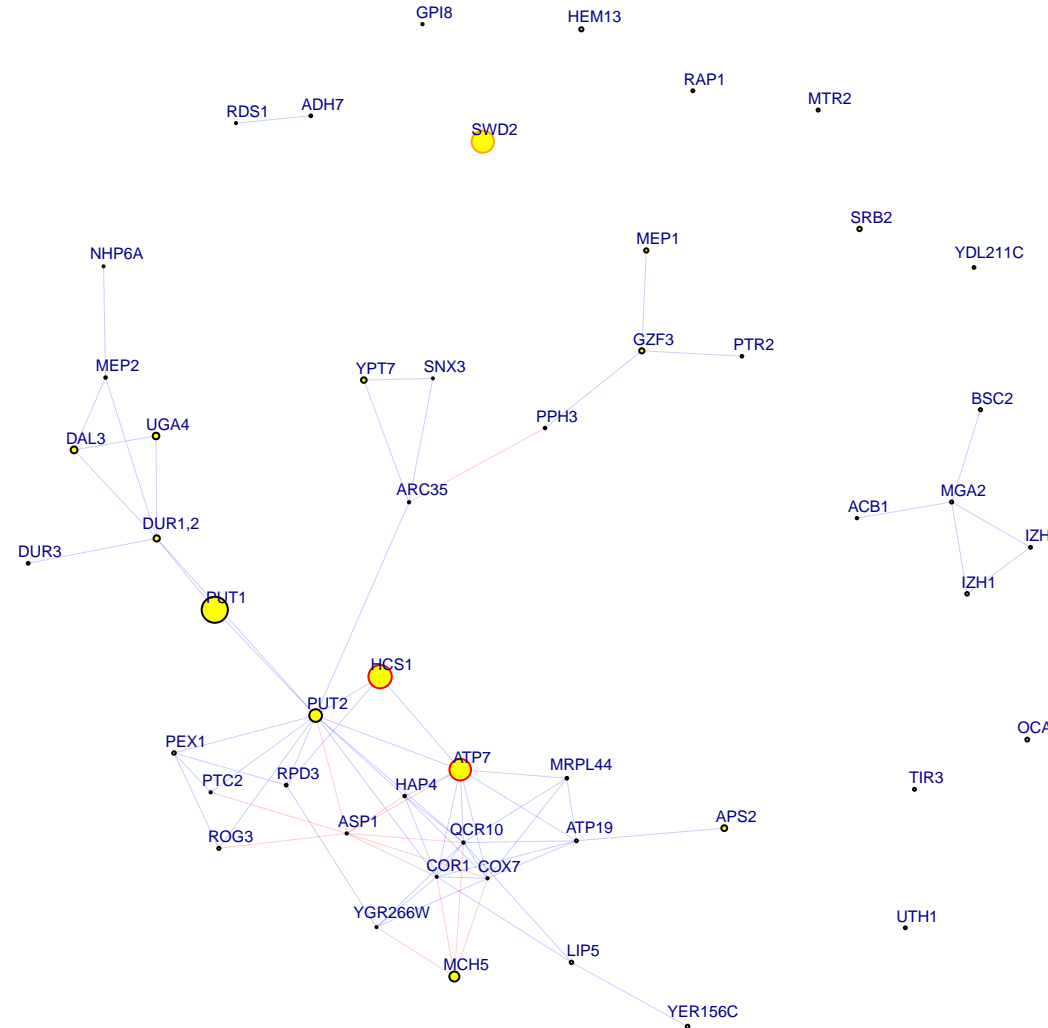
chrXI:232667_A/T top 100 up and down genes



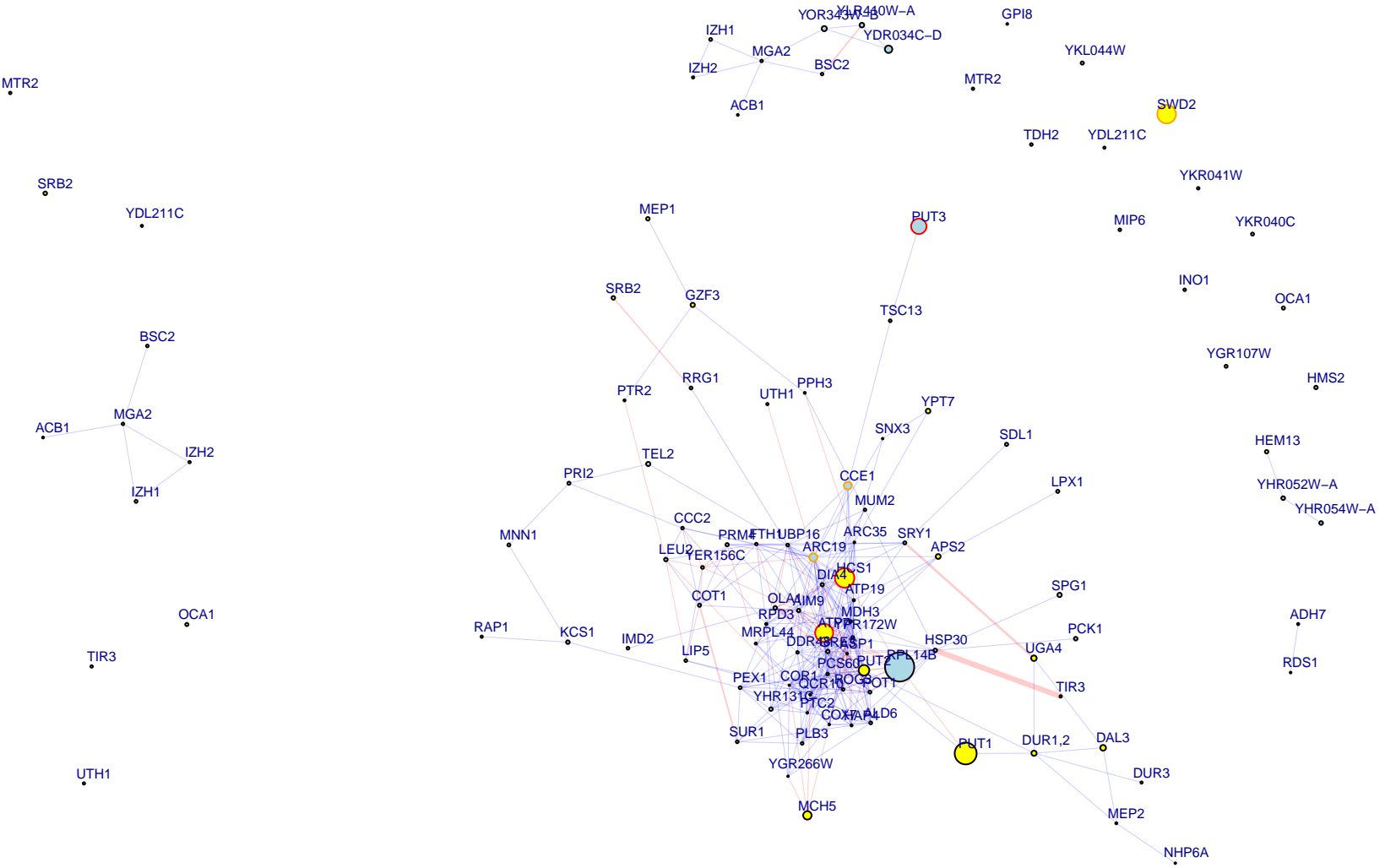
chrXI:411756_T/C top 50 up genes



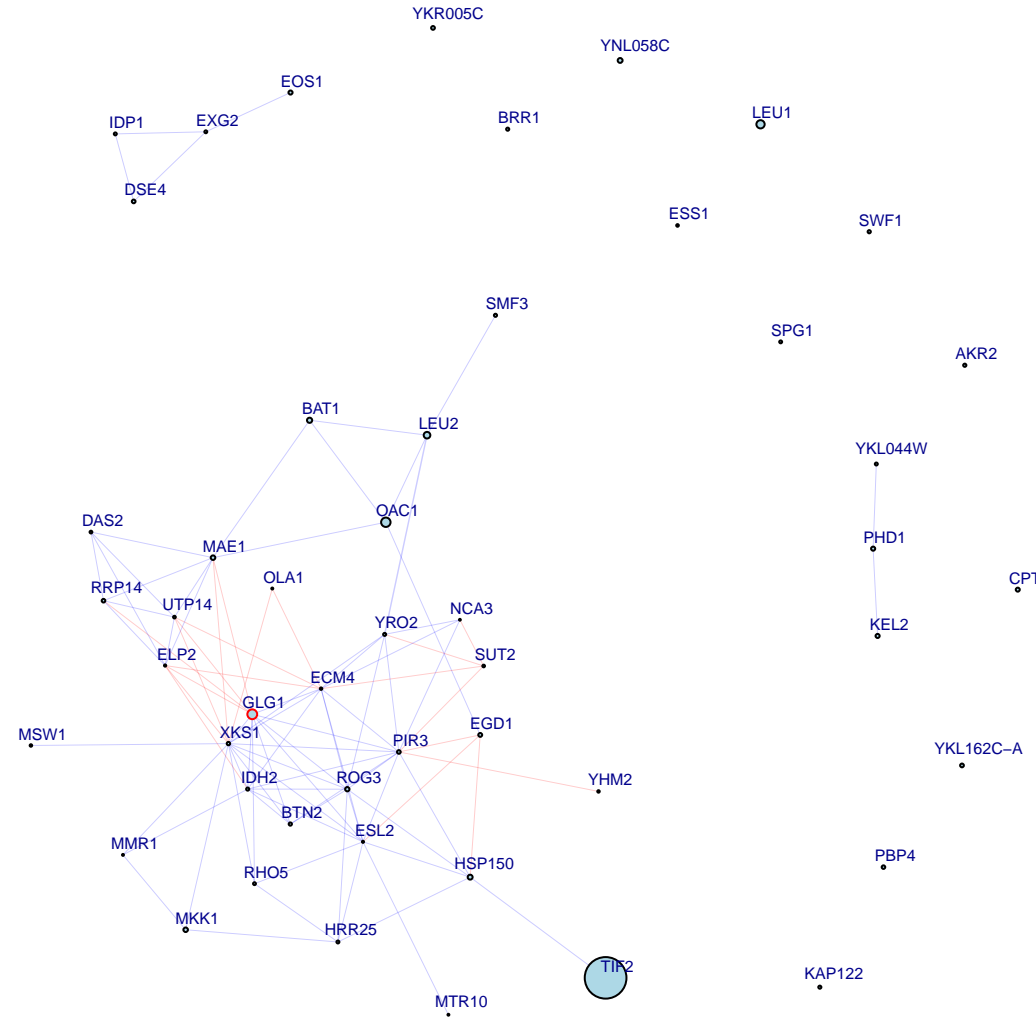
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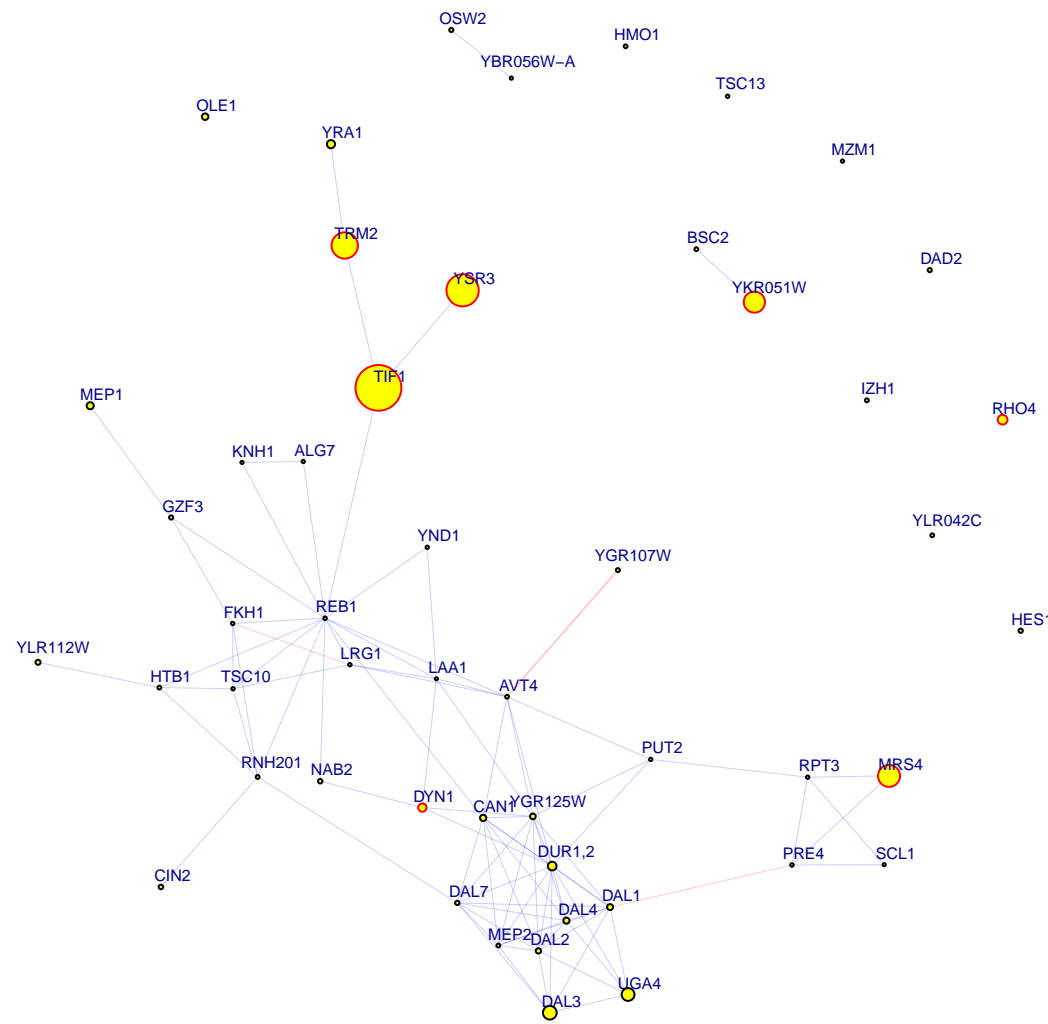
chrXI:411756_T/C top 100 up and down genes



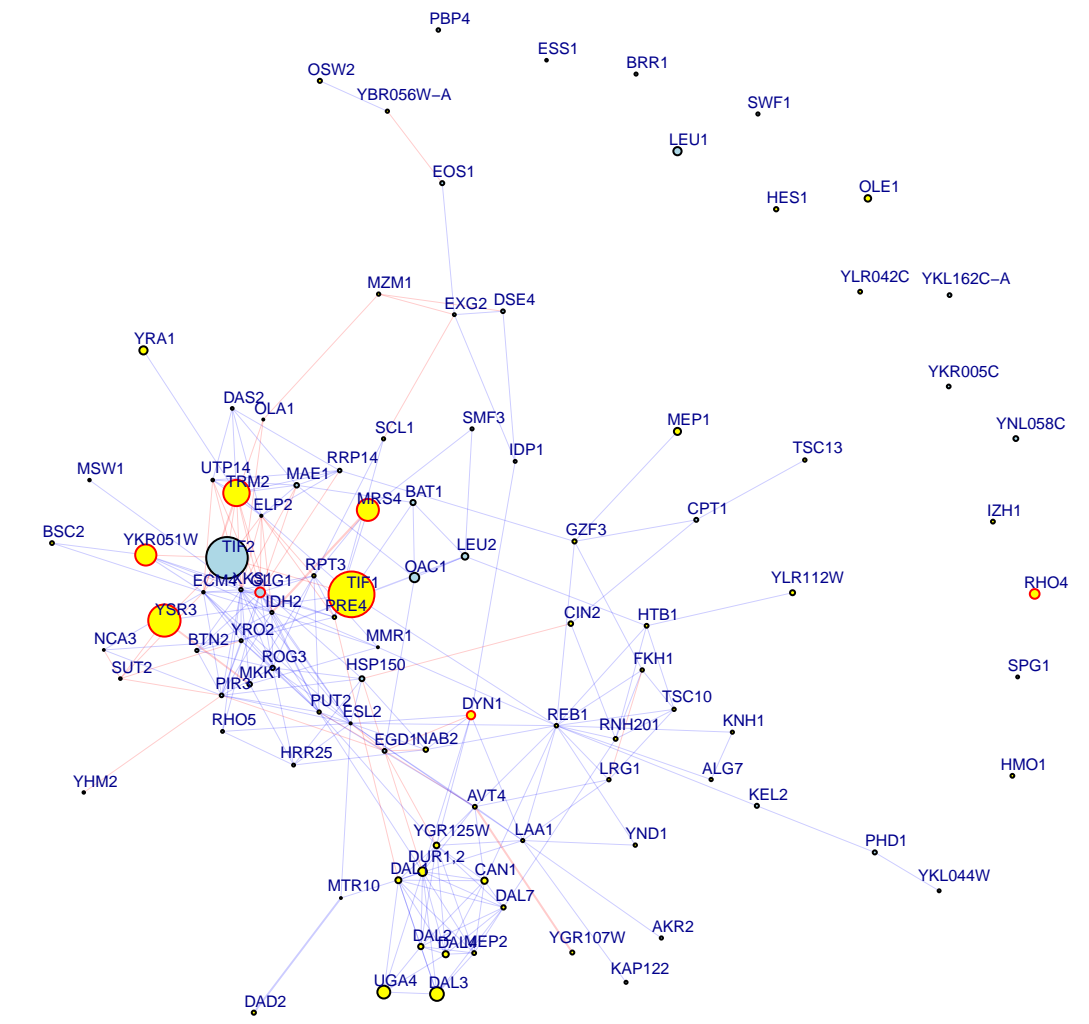
chrXI:533229_G/C top 50 up genes



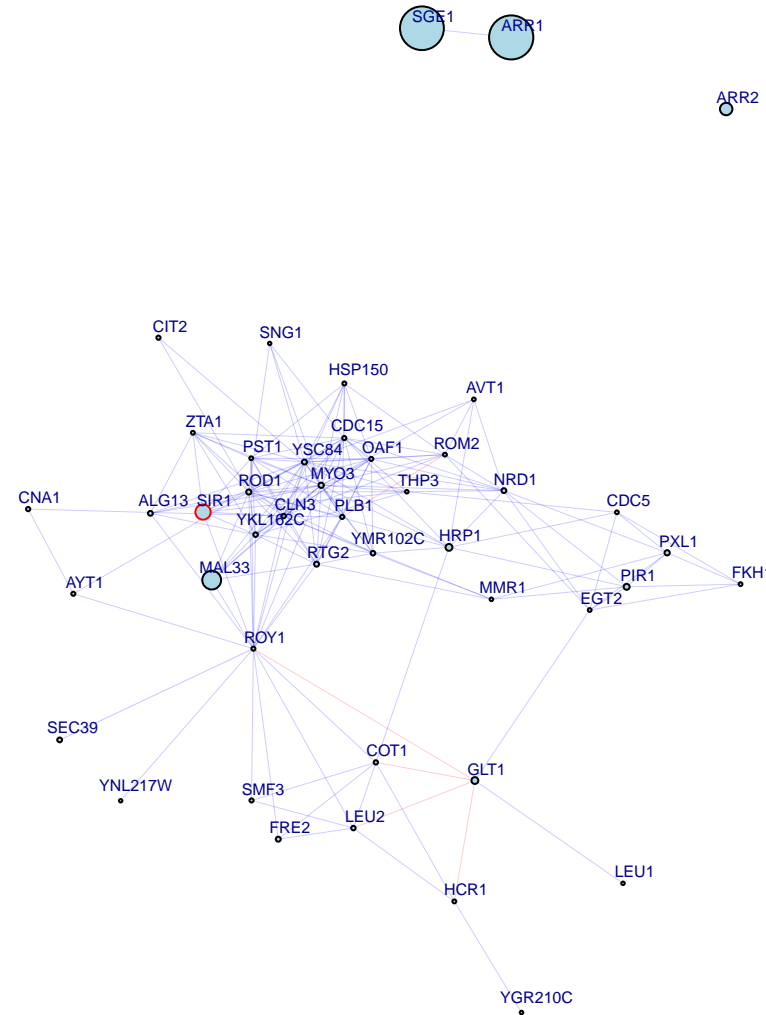
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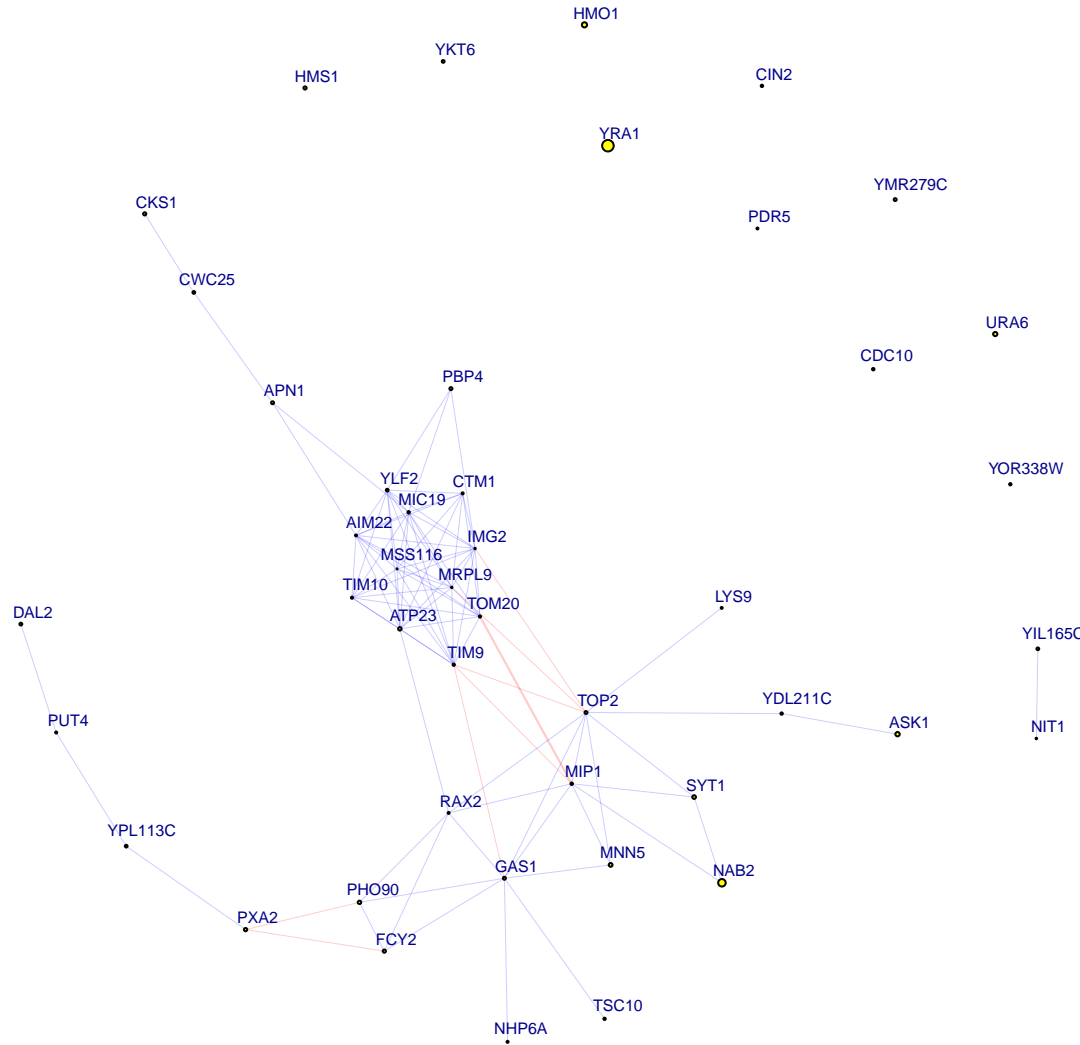
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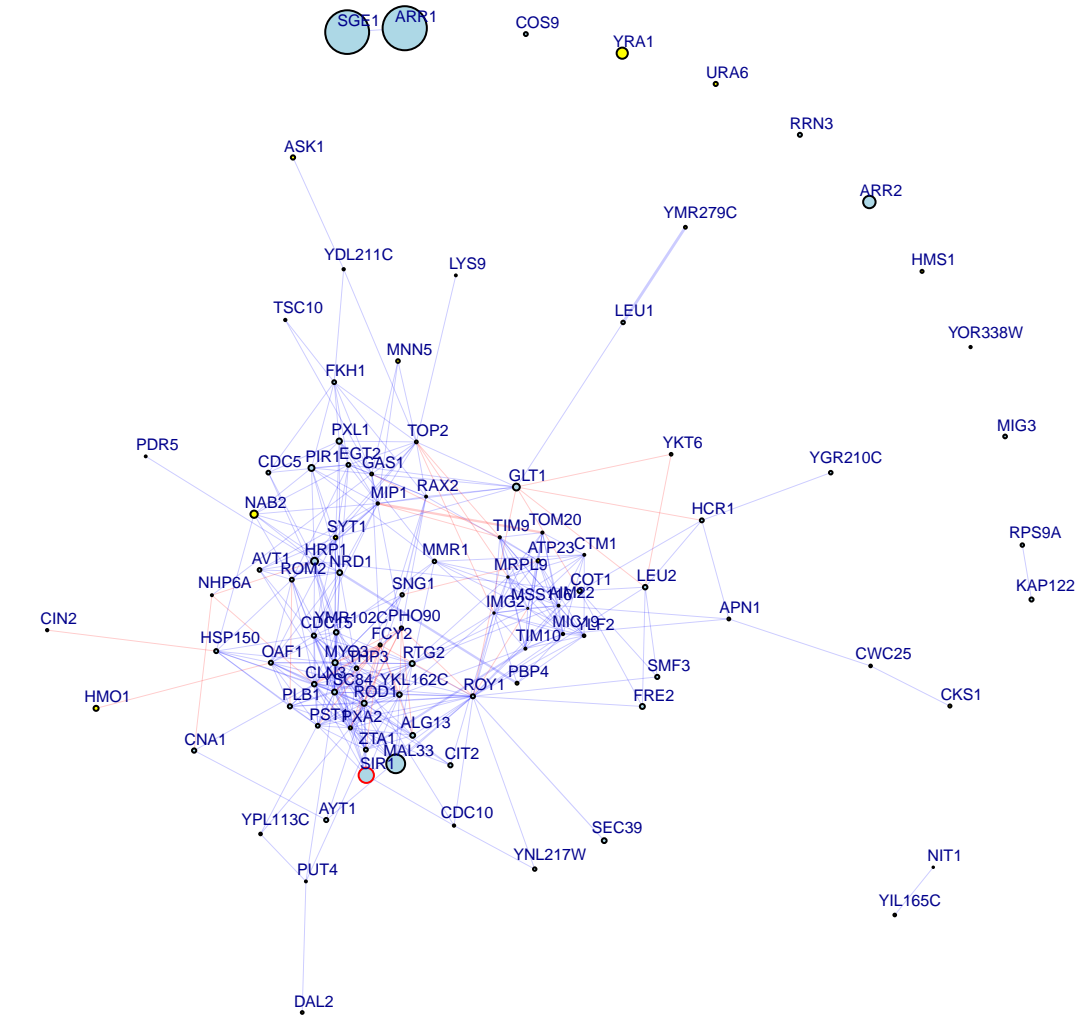
chrXI:641098_A/G top 50 up genes



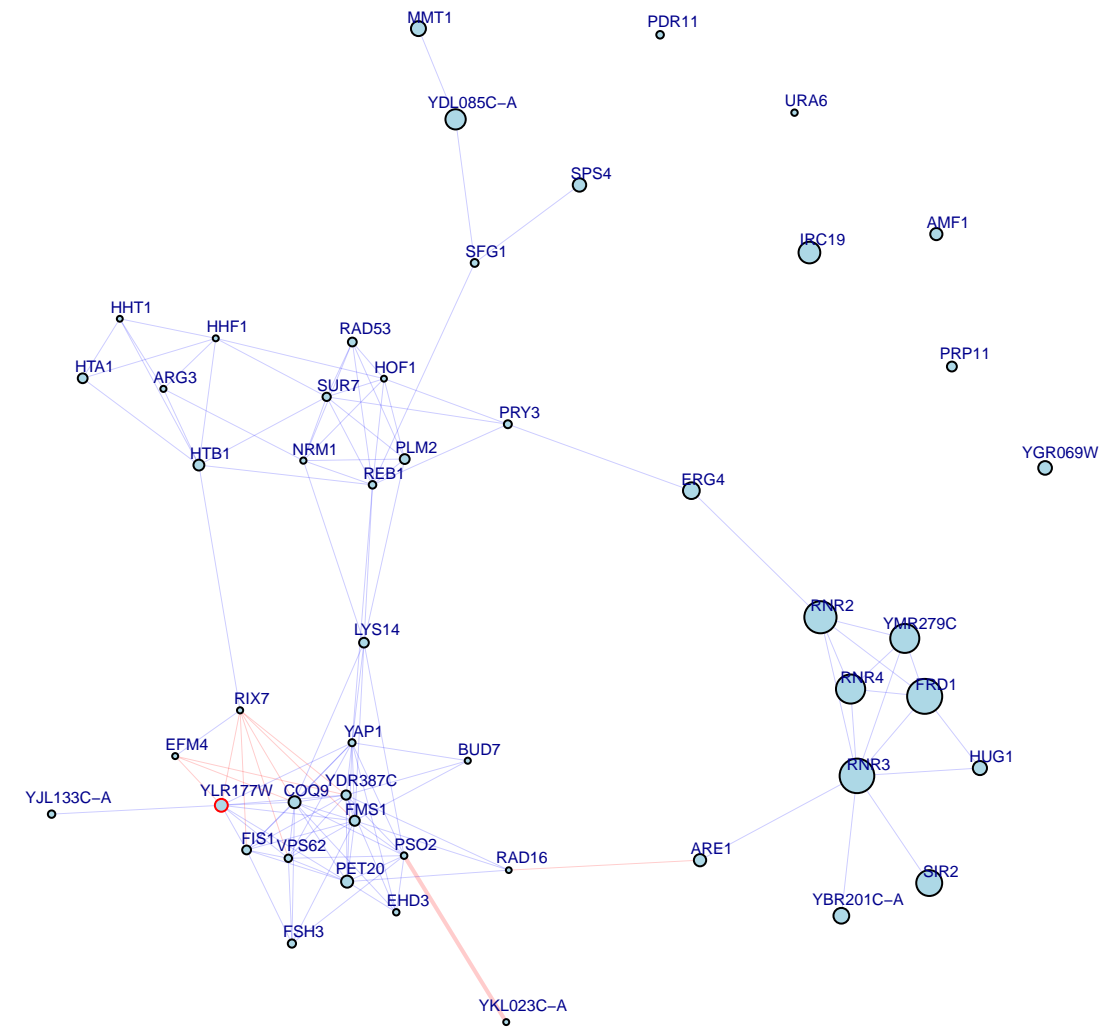
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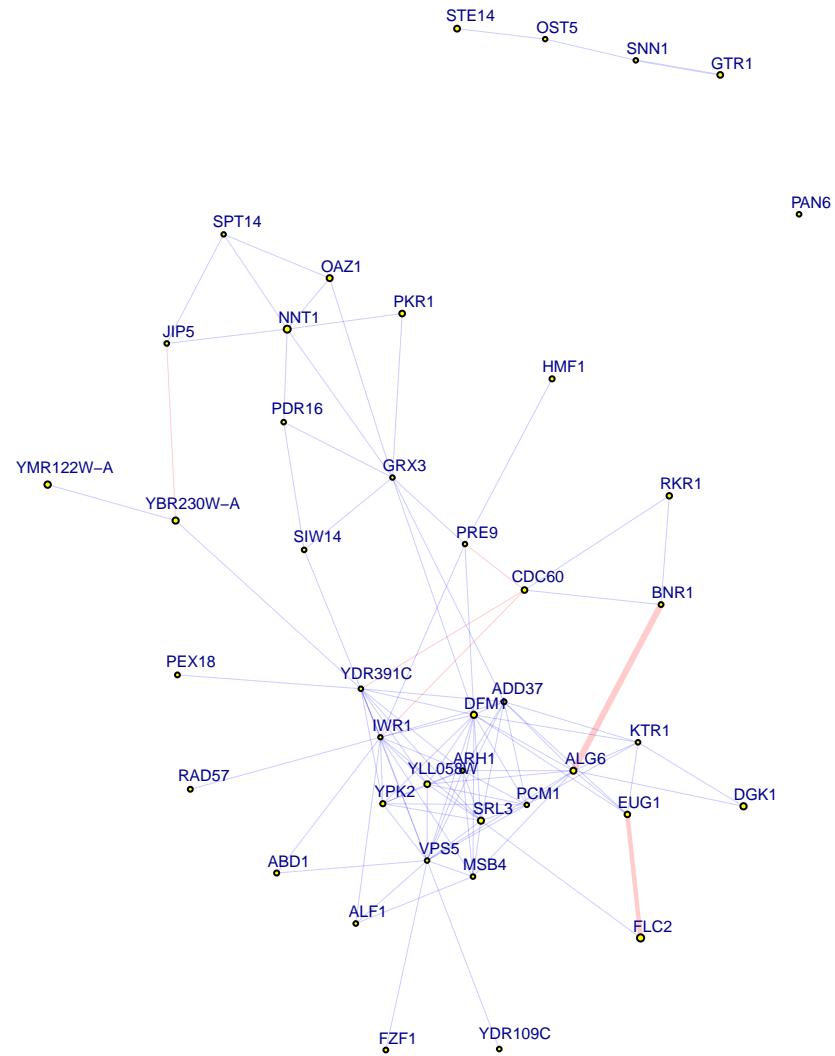
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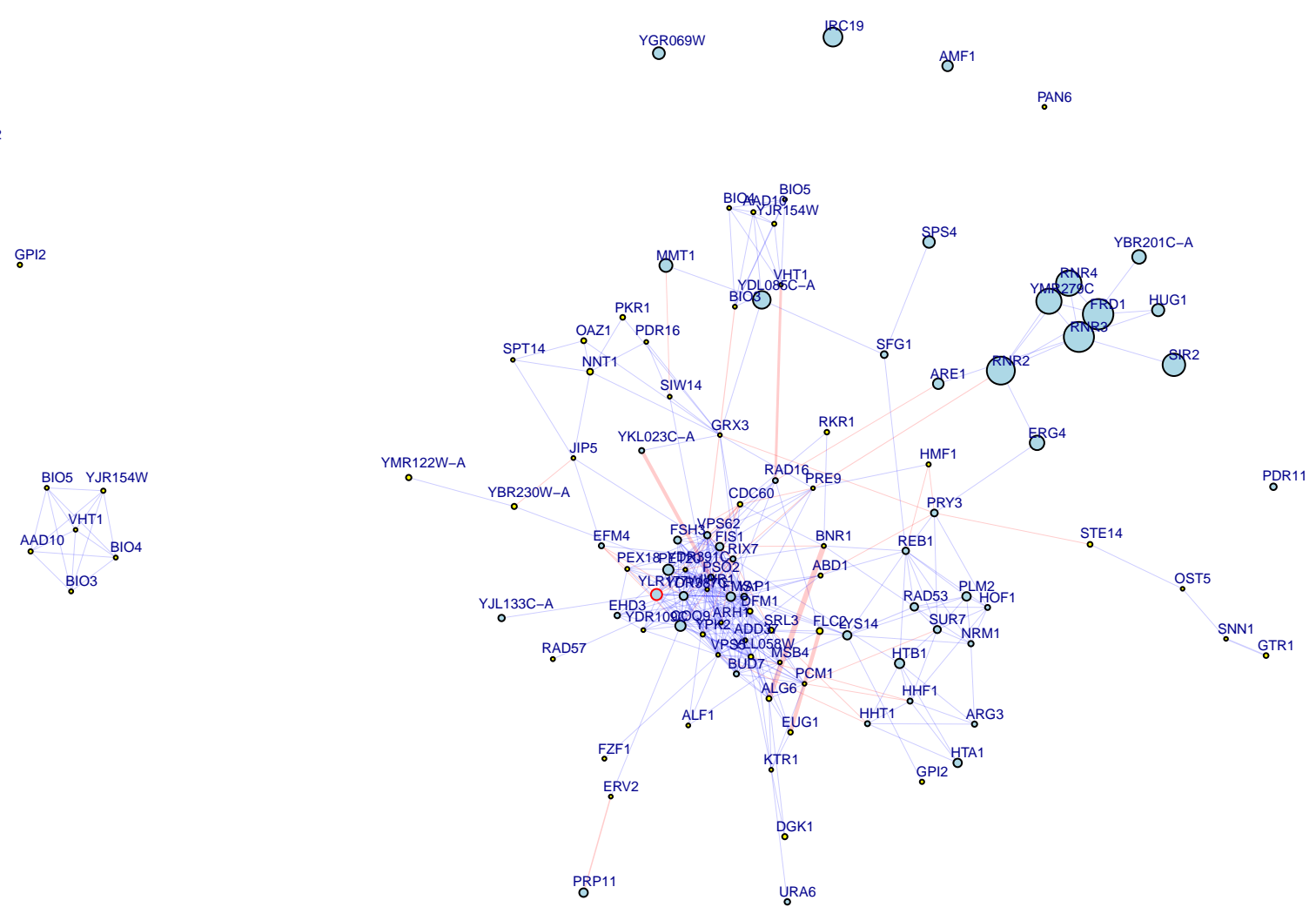
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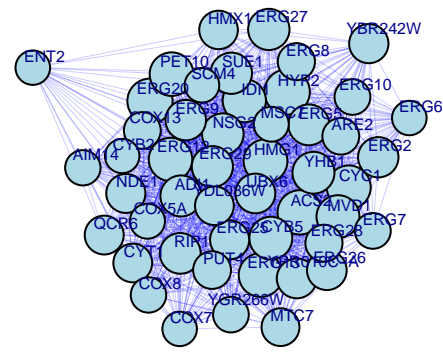
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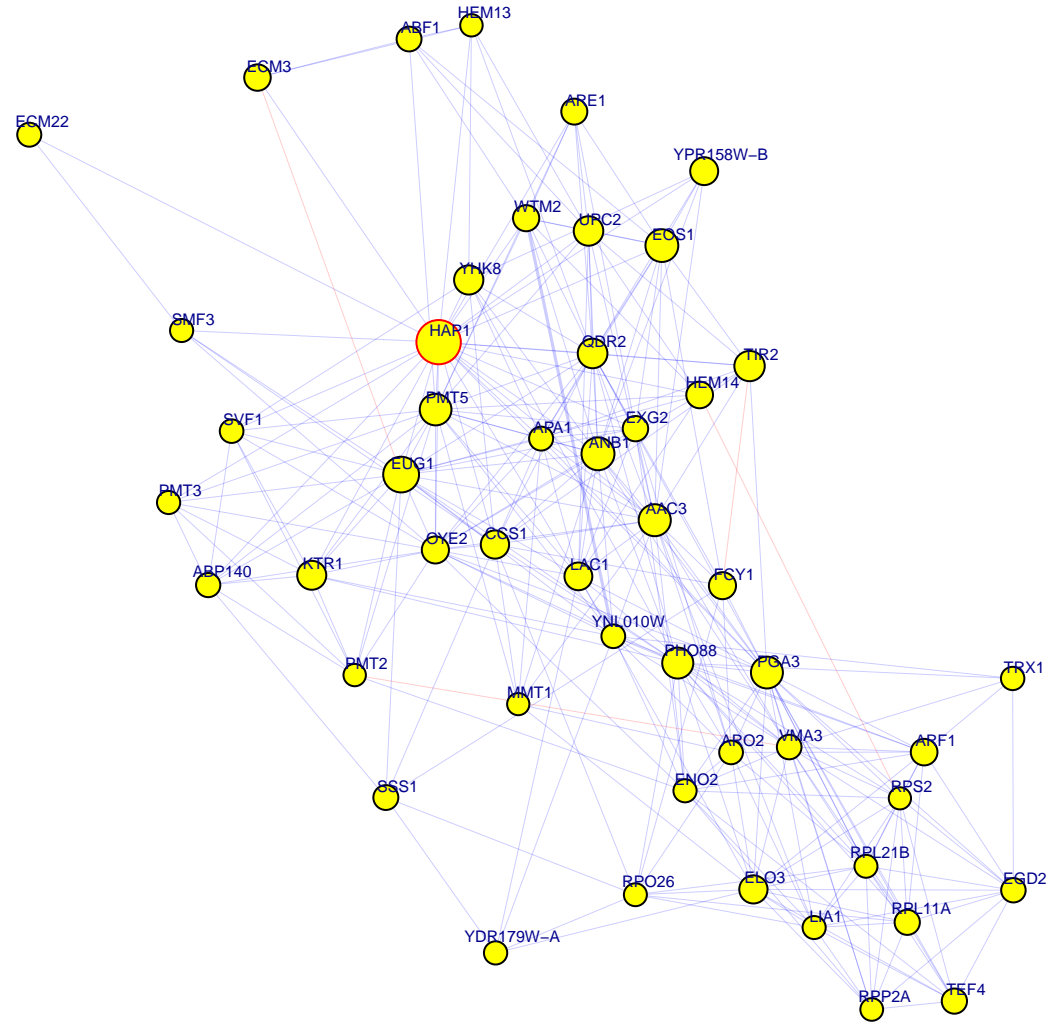
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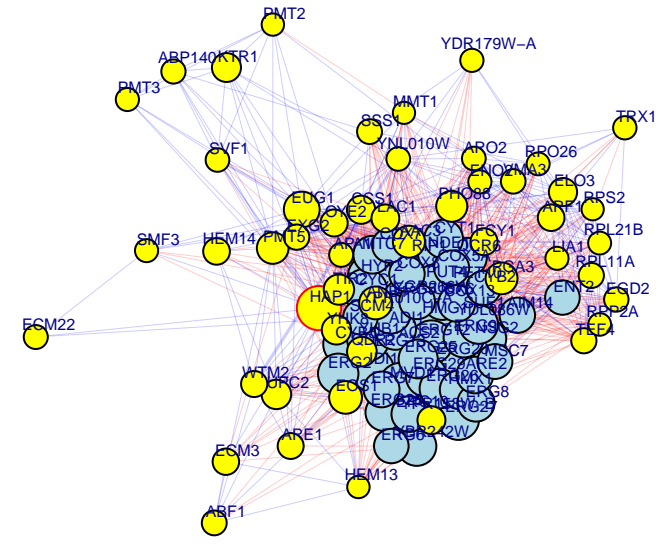
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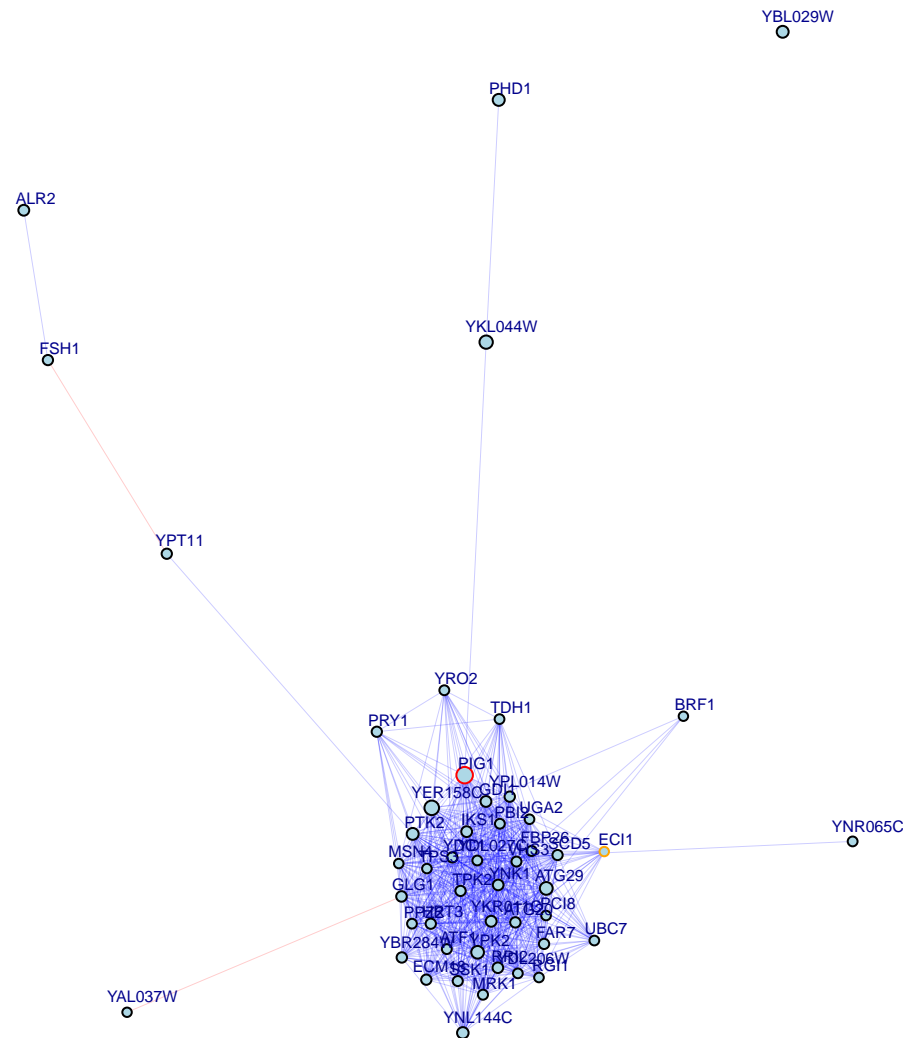
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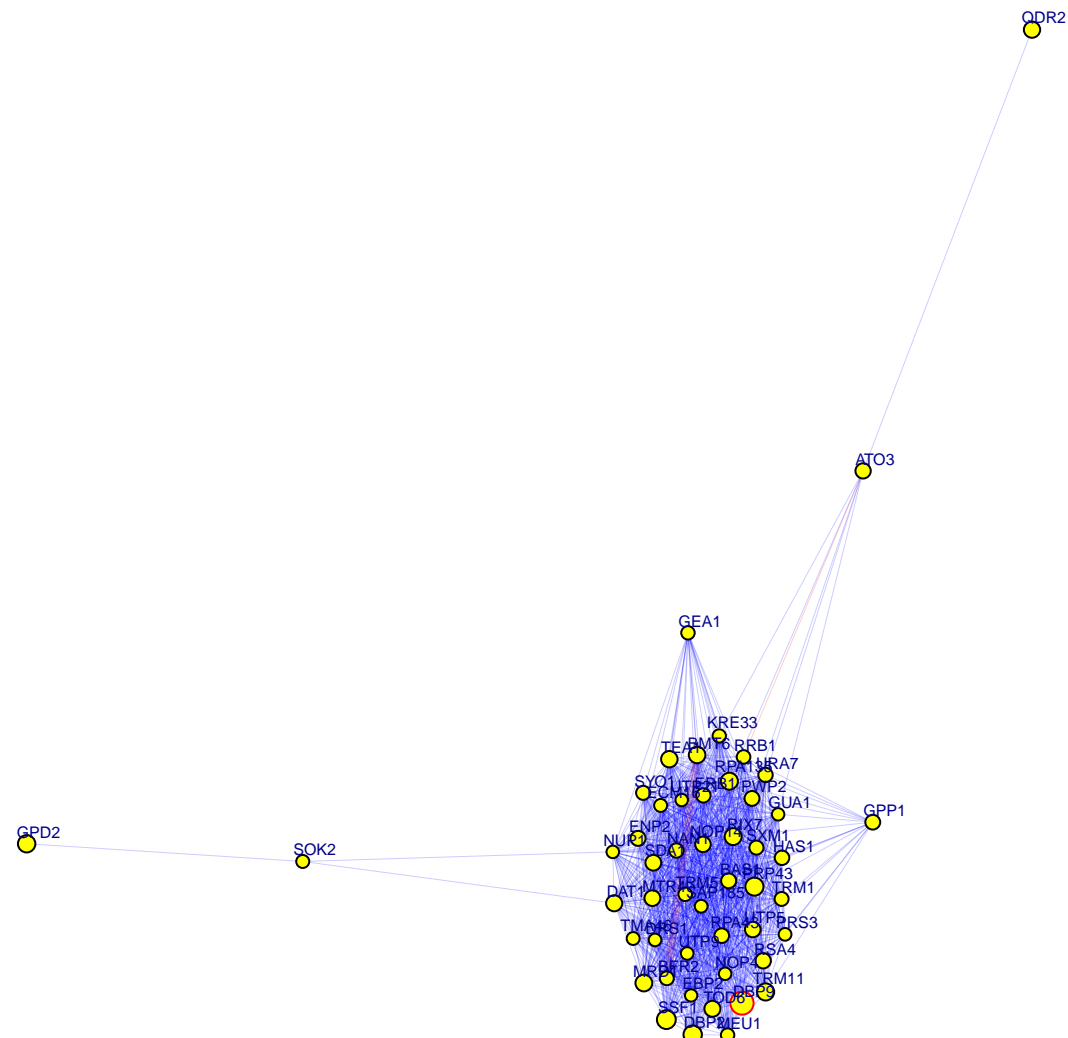
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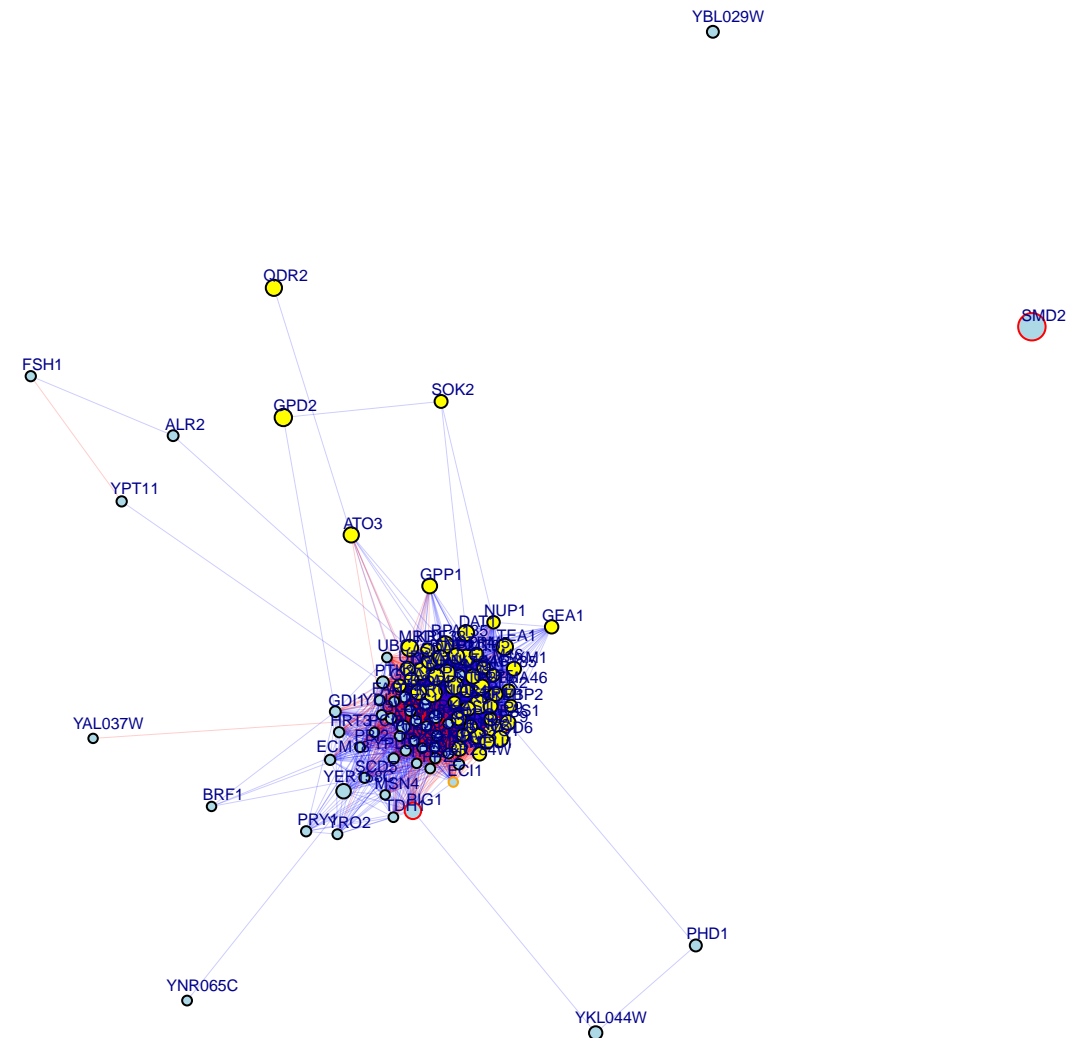
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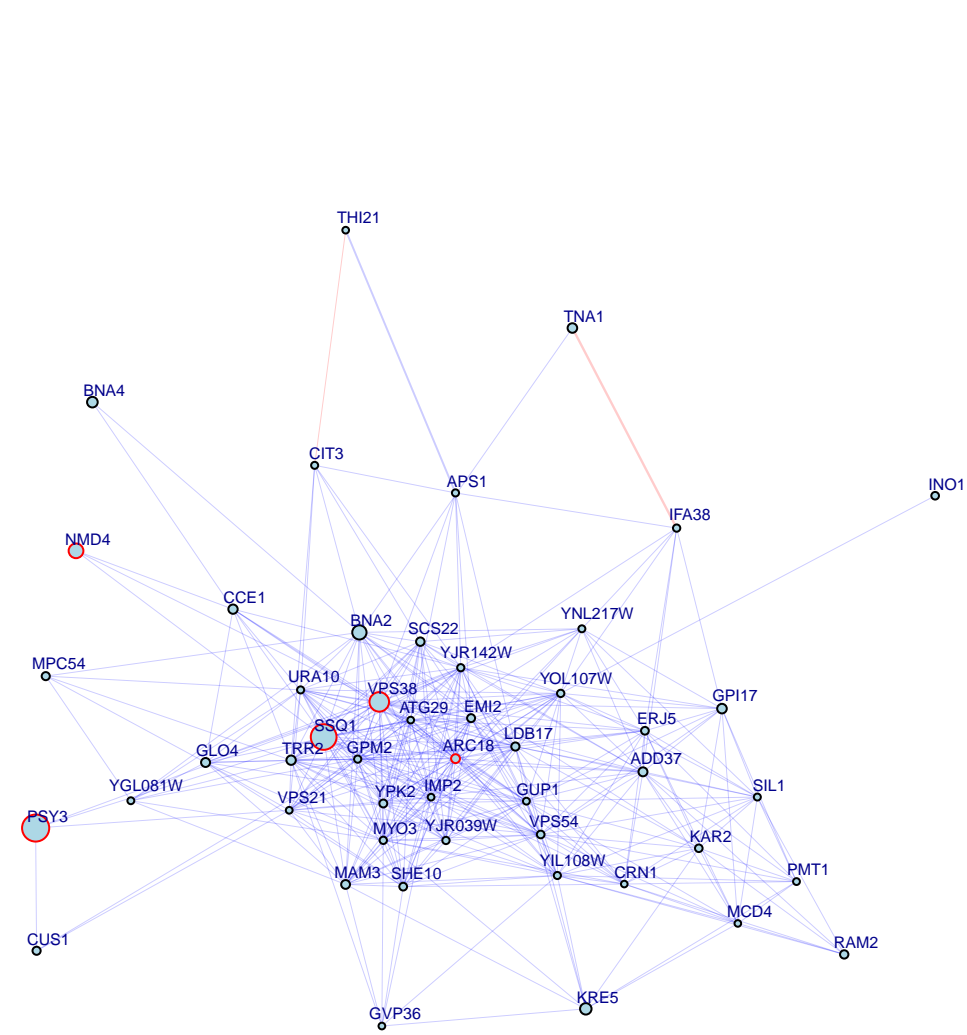
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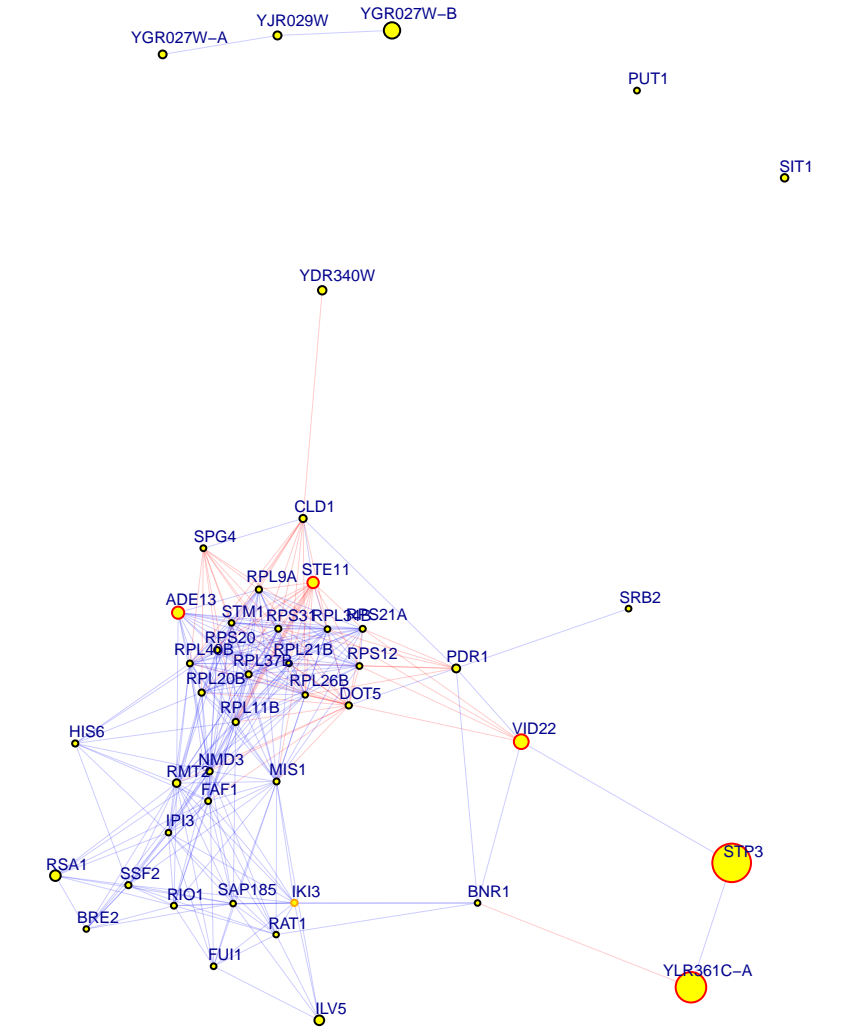
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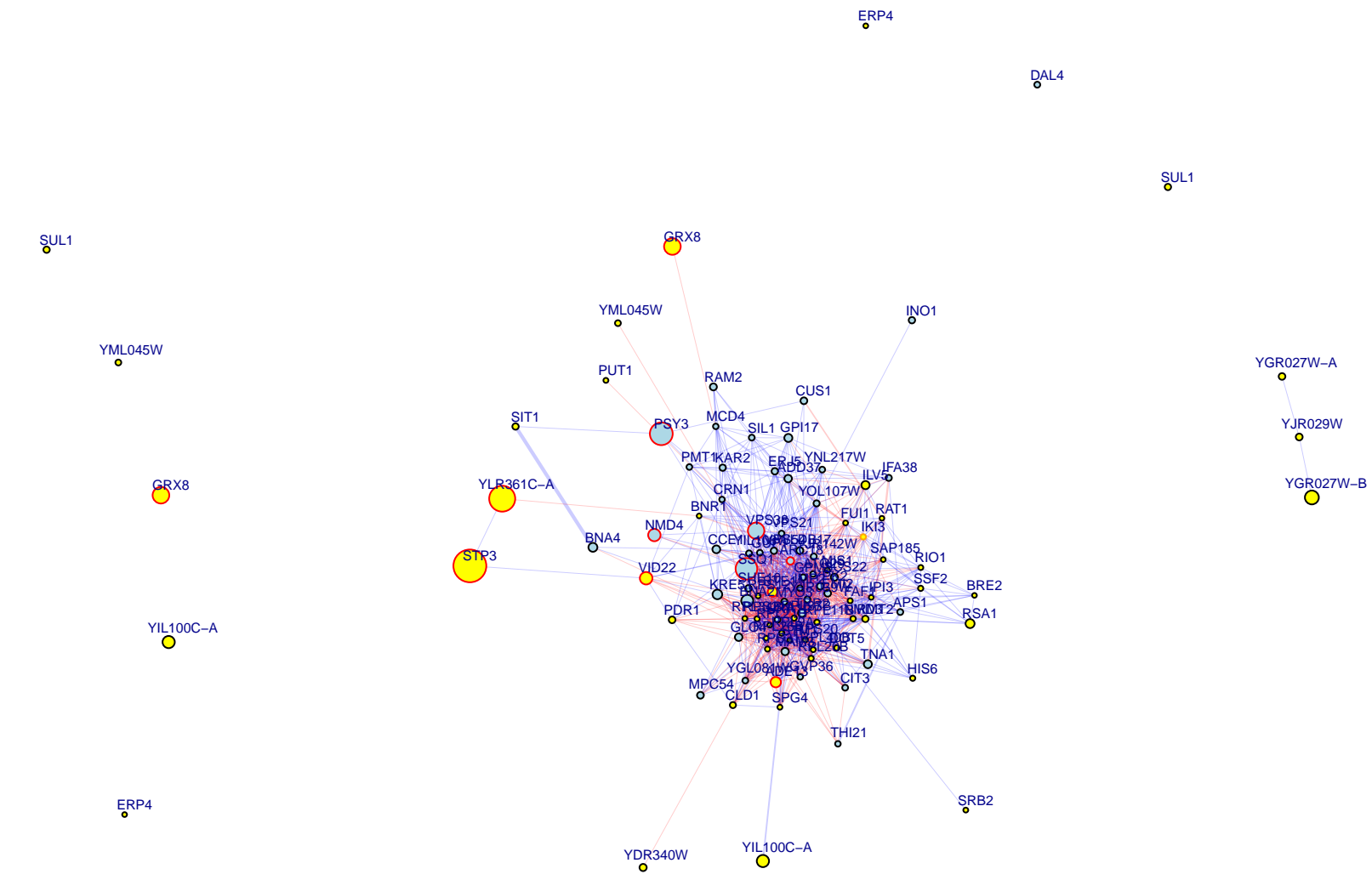
chrXII:848842_A/G top 50 up genes



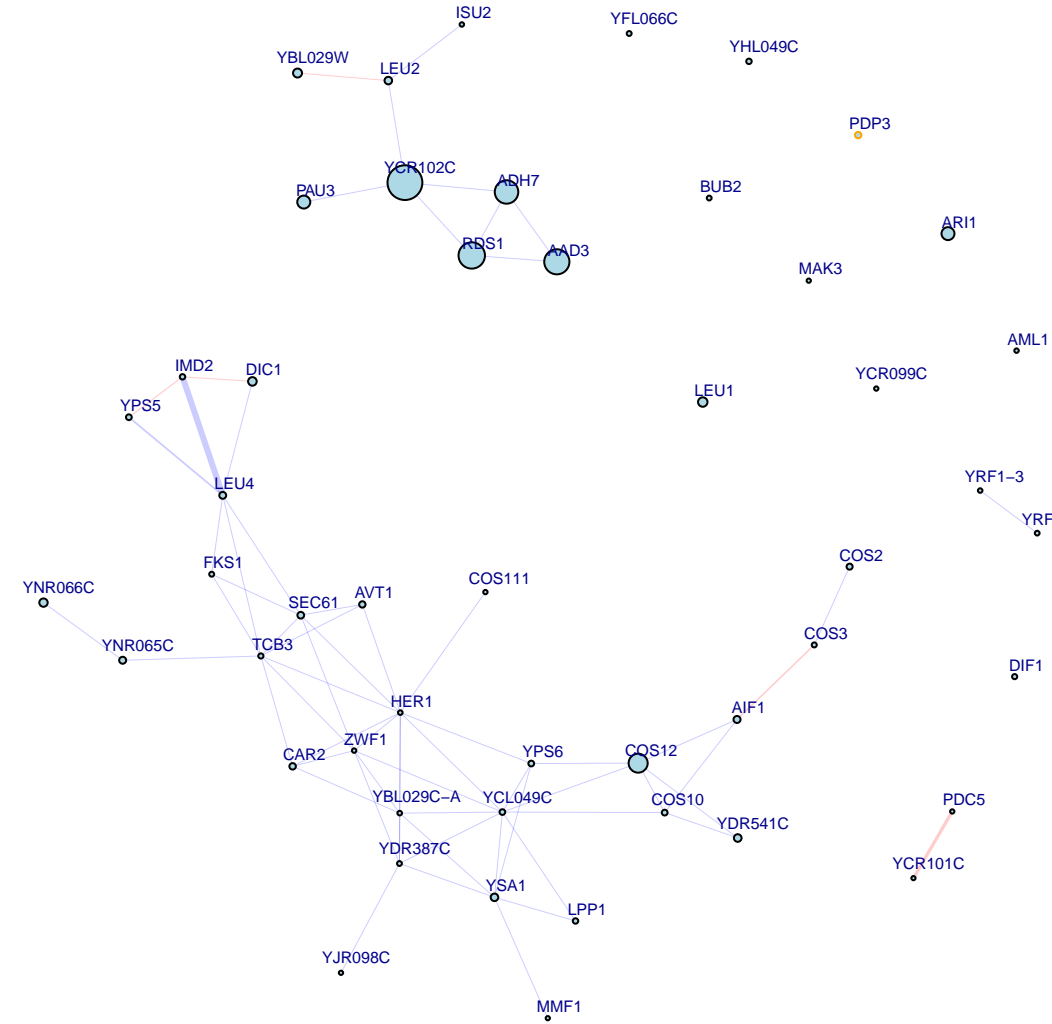
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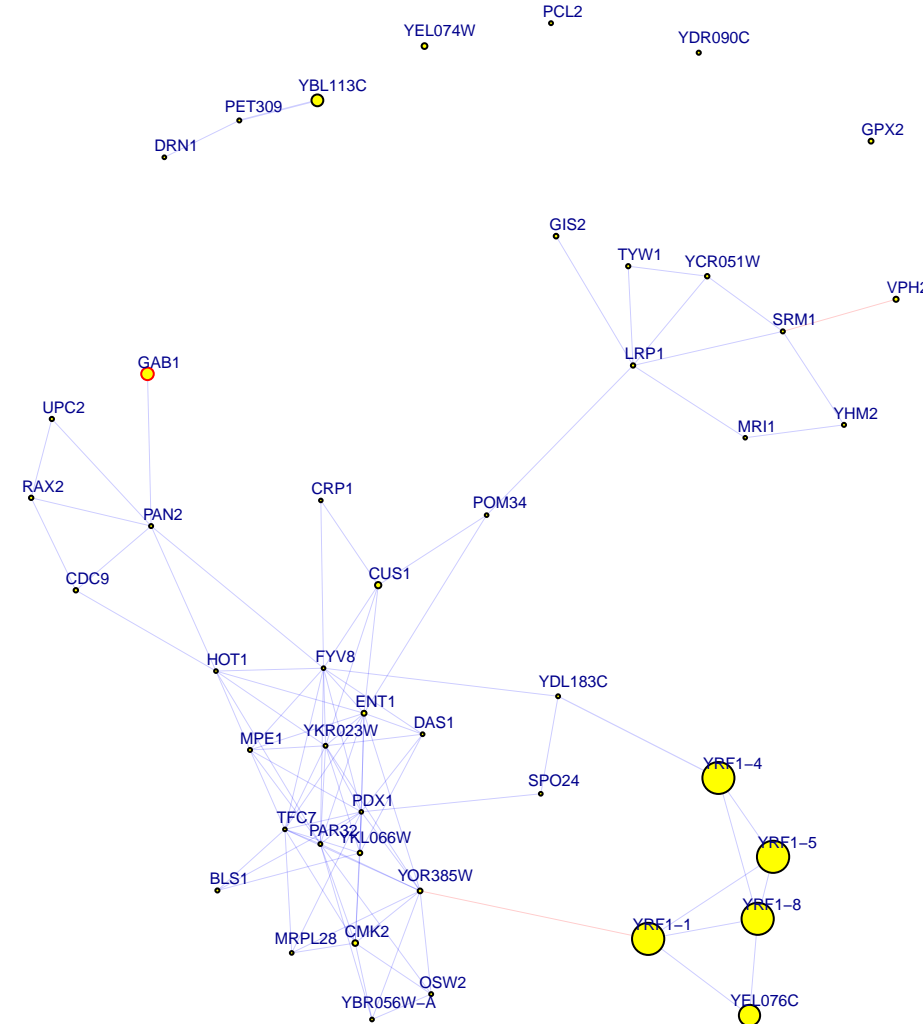
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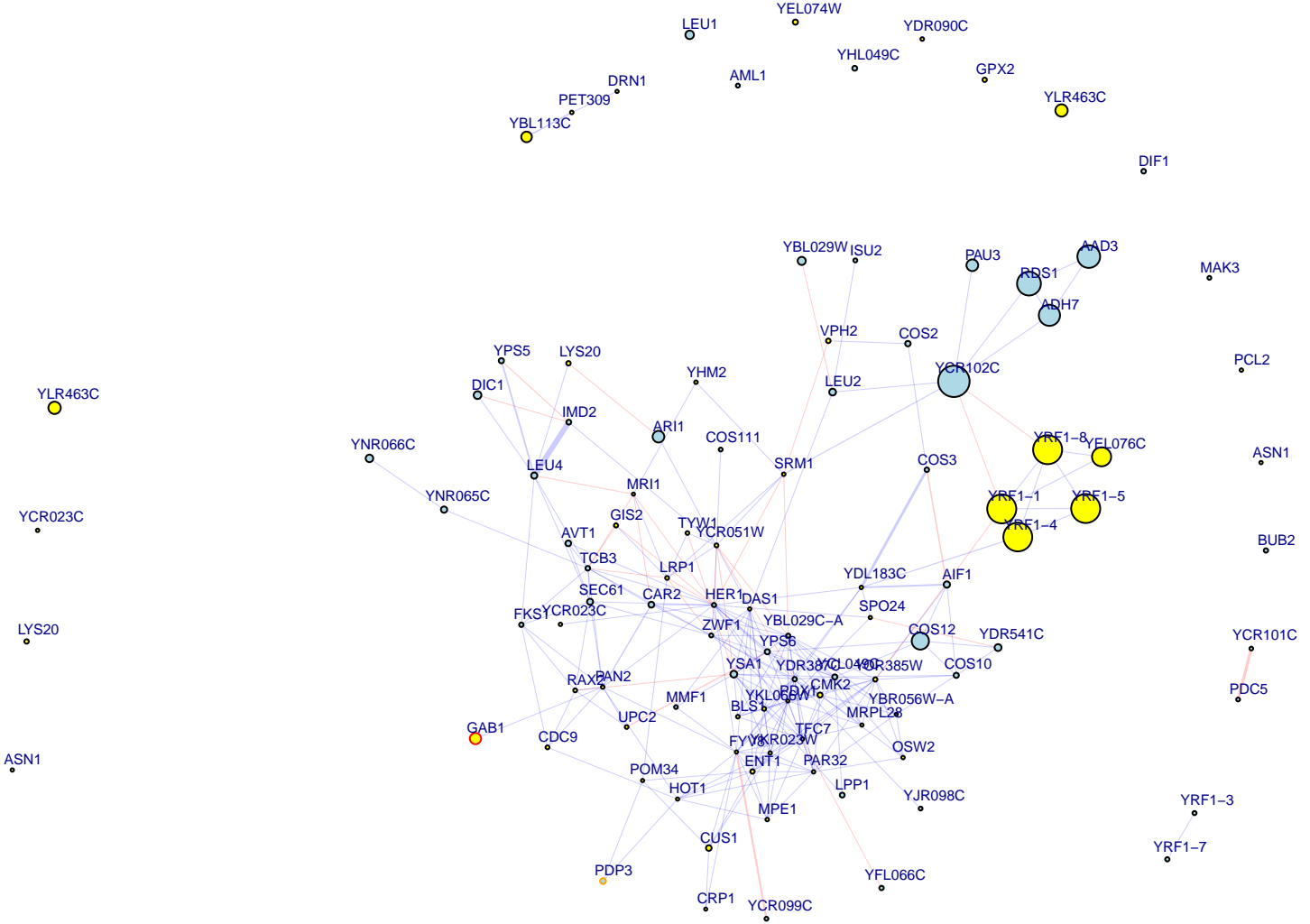
chrXII:1058607_C/T top 50 up genes



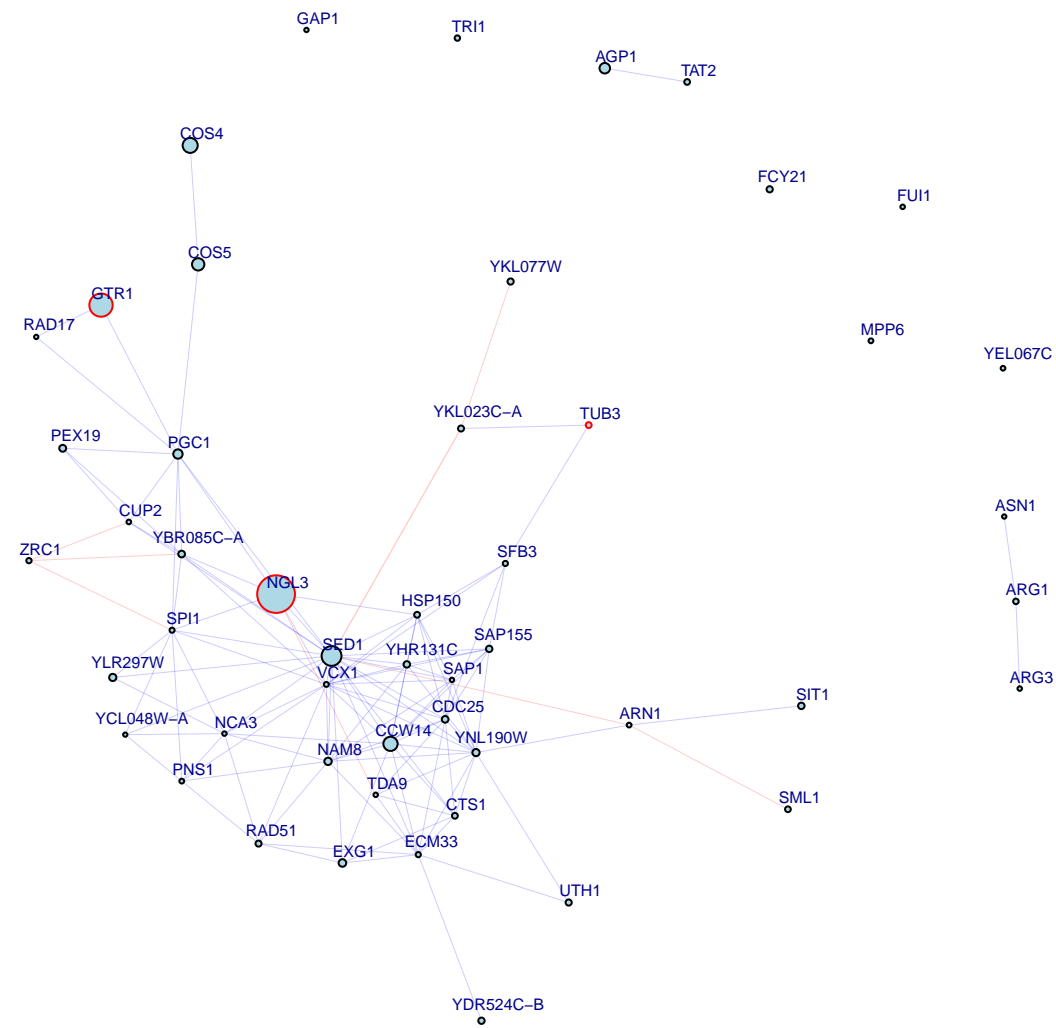
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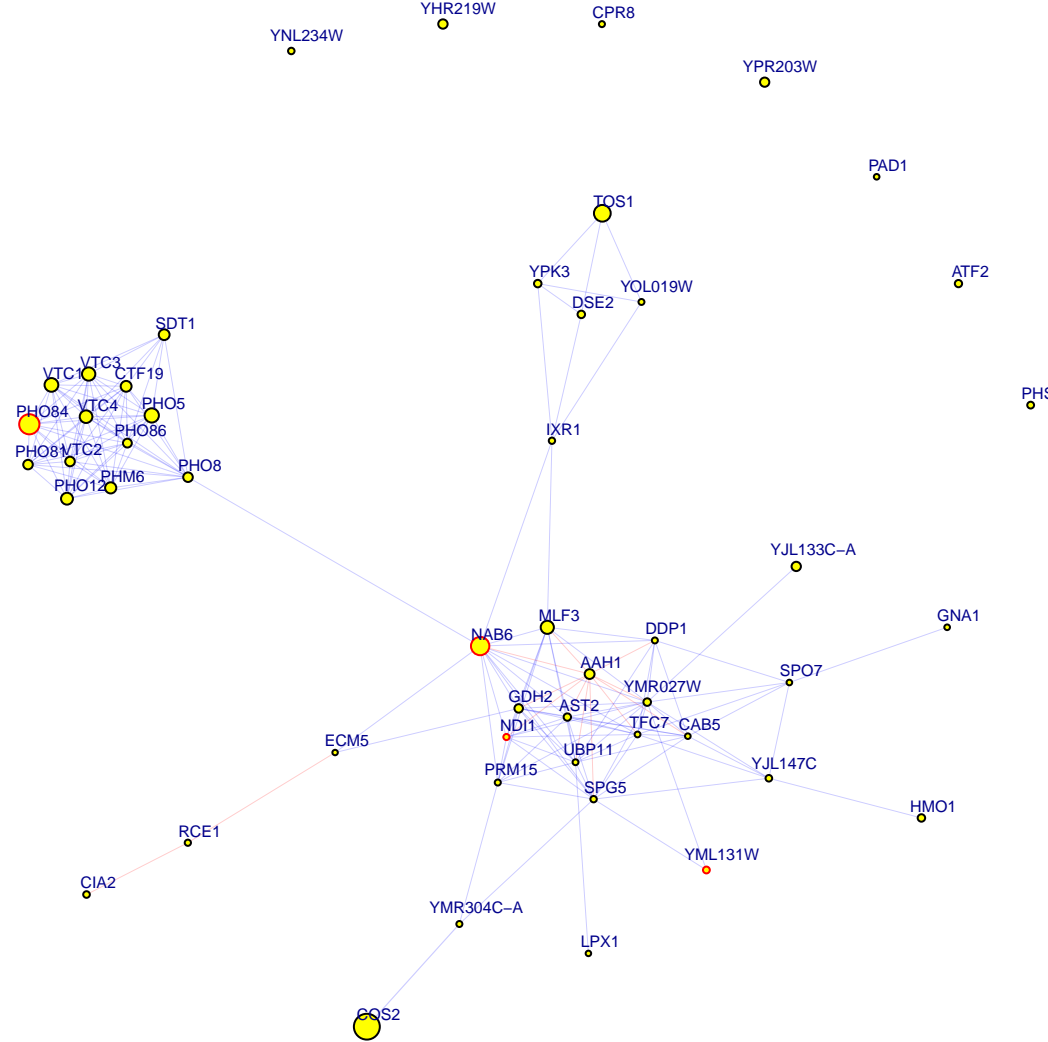
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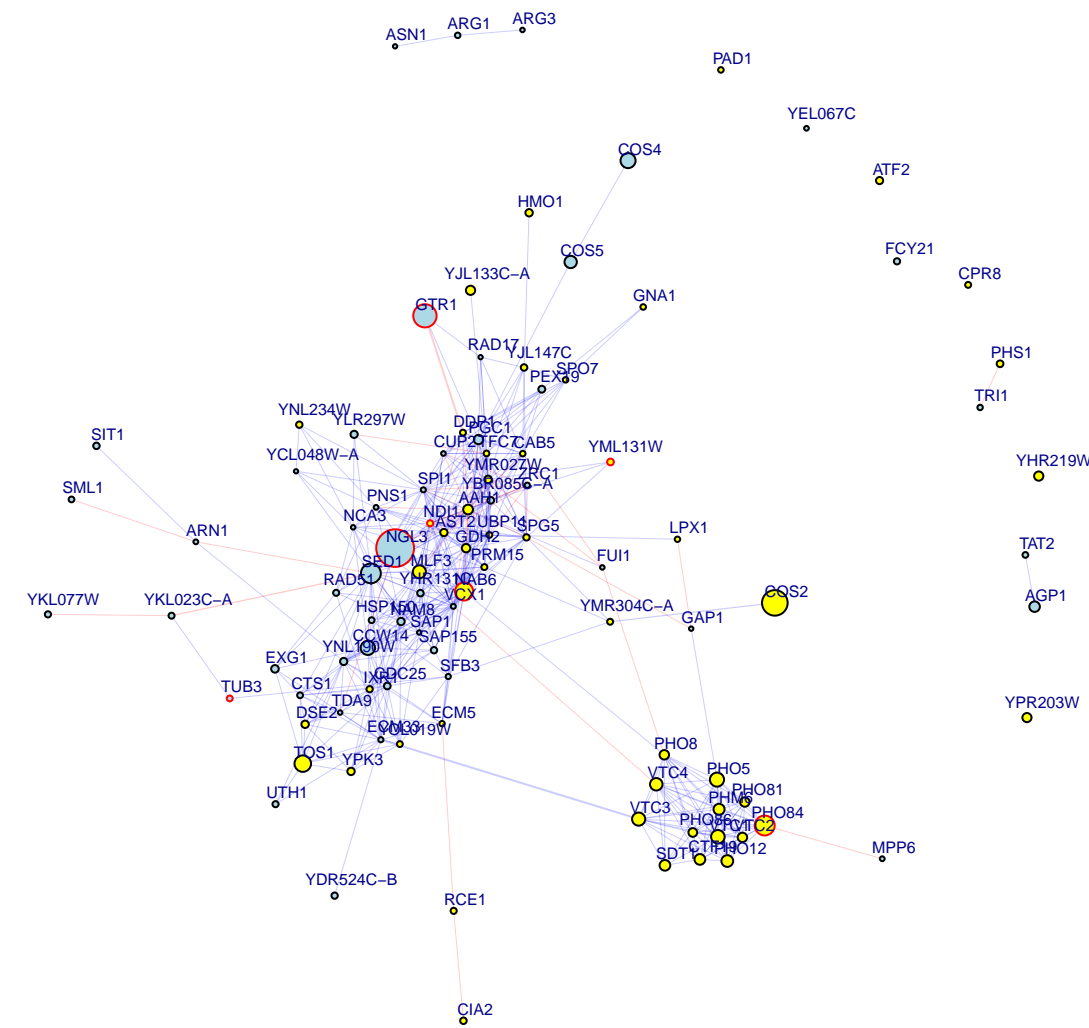
chrXIII:33836_G/A top 50 up genes



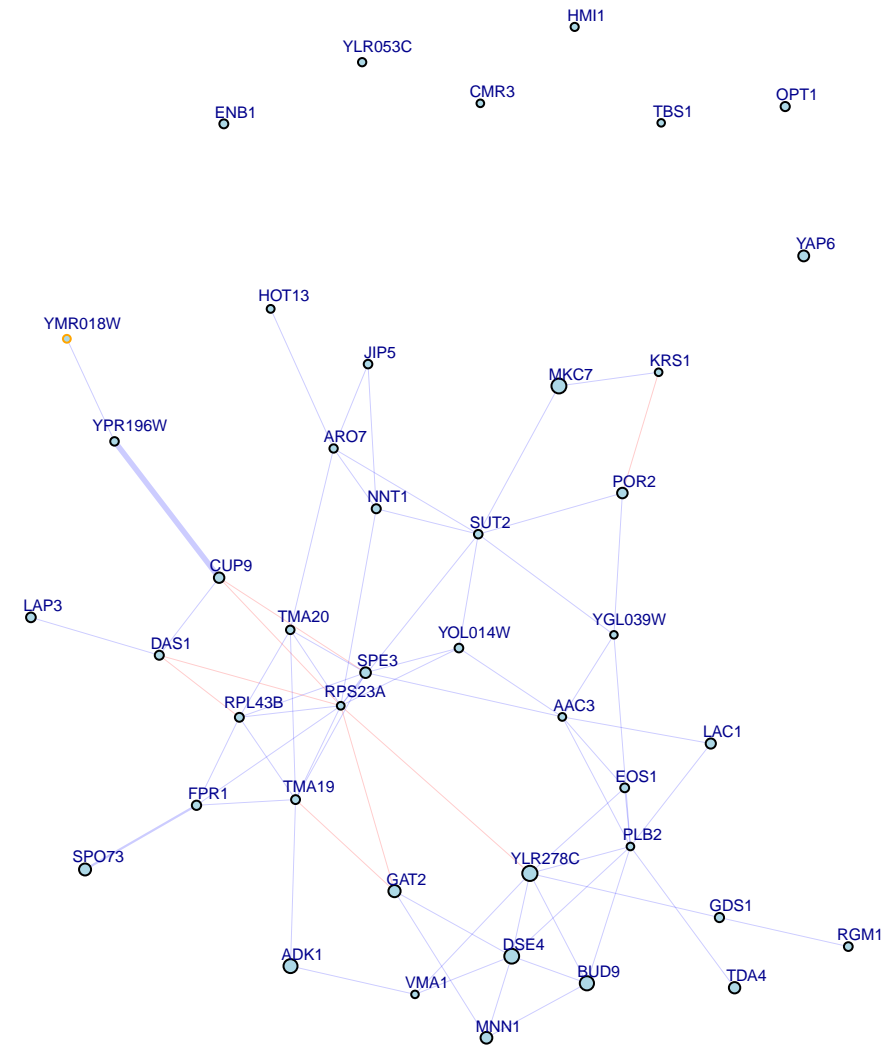
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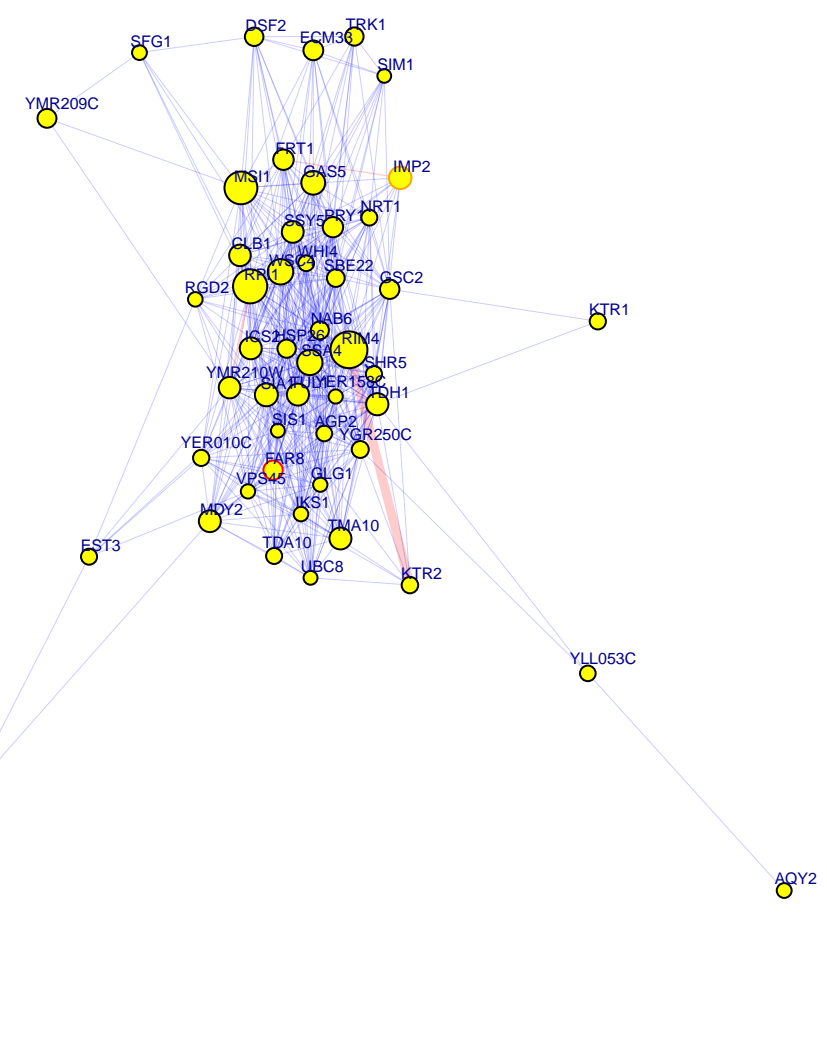
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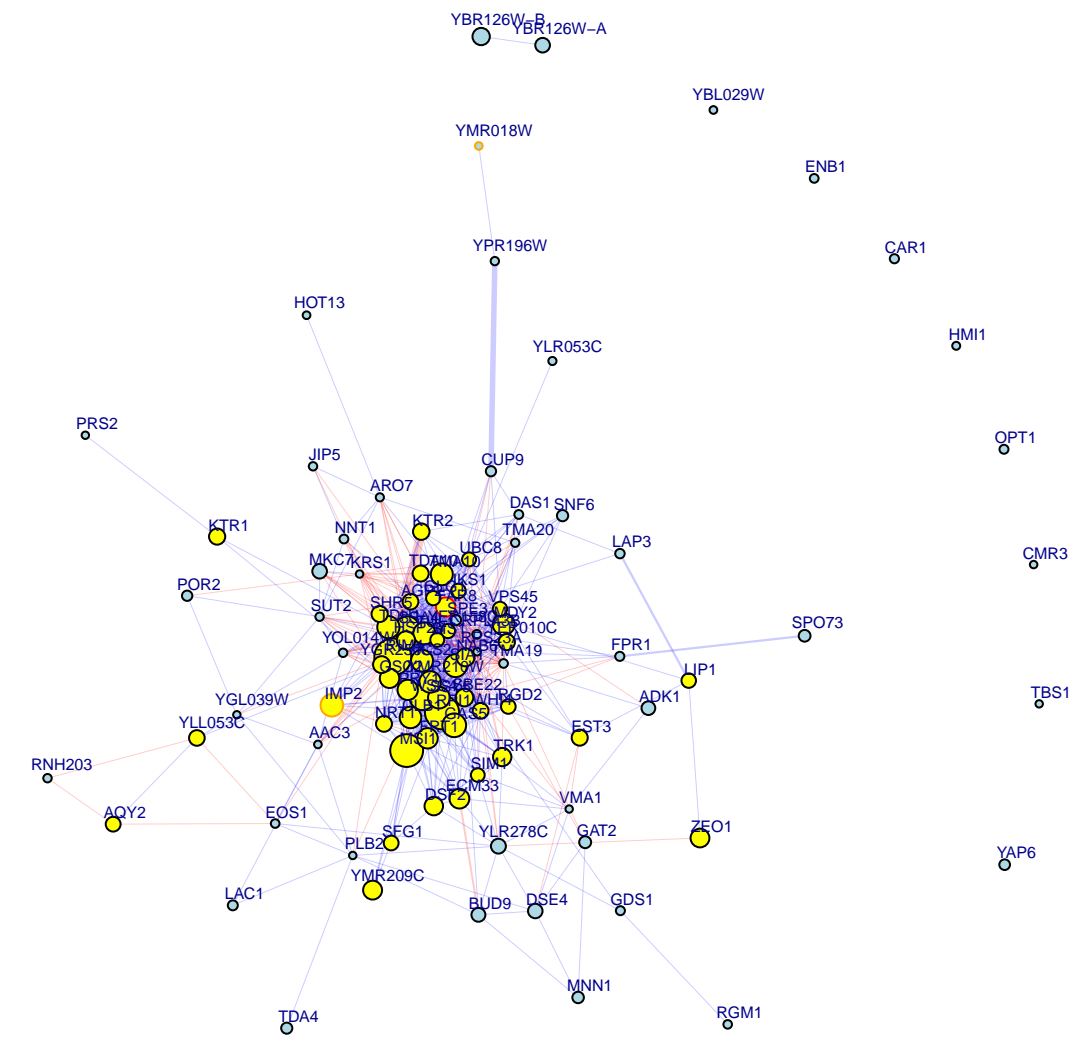
chrXIII:333449_G/A top 50 up genes



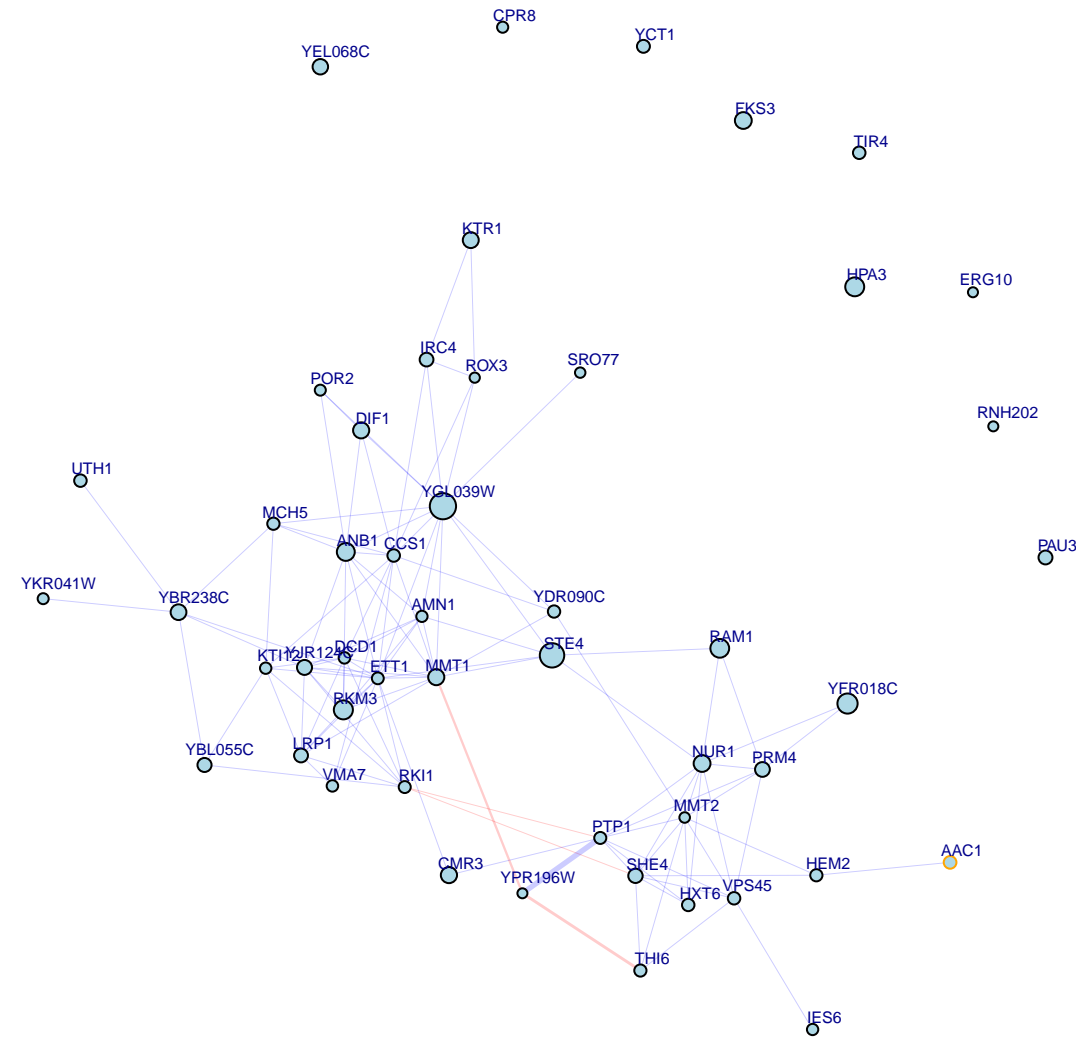
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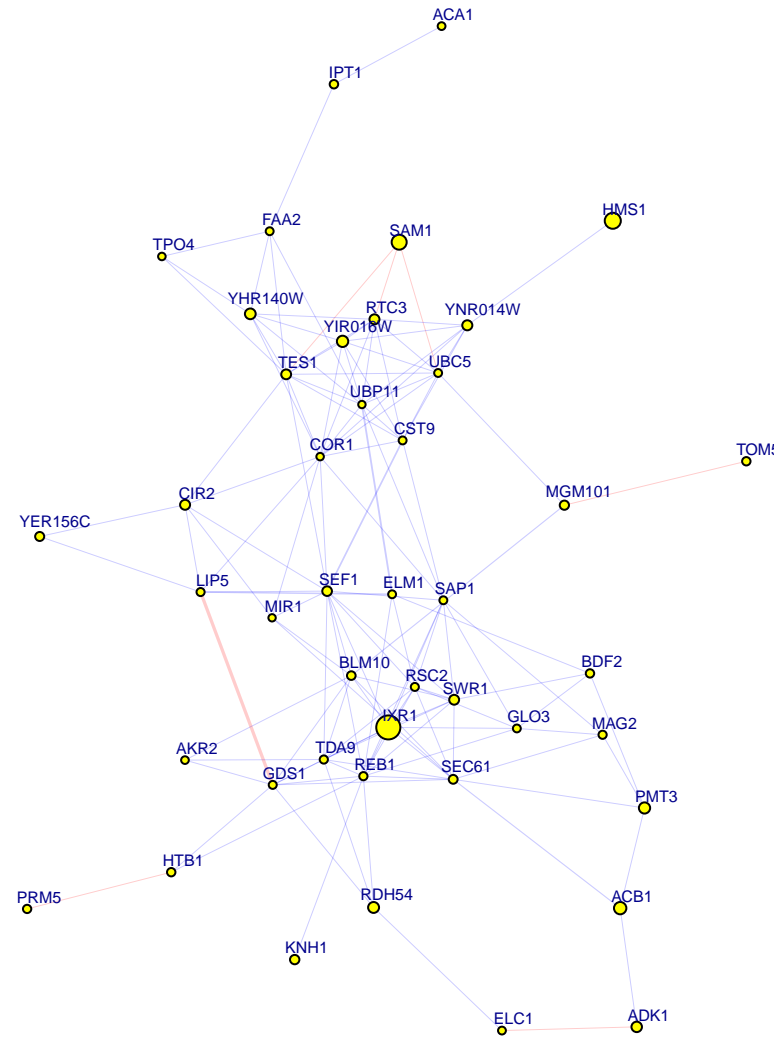
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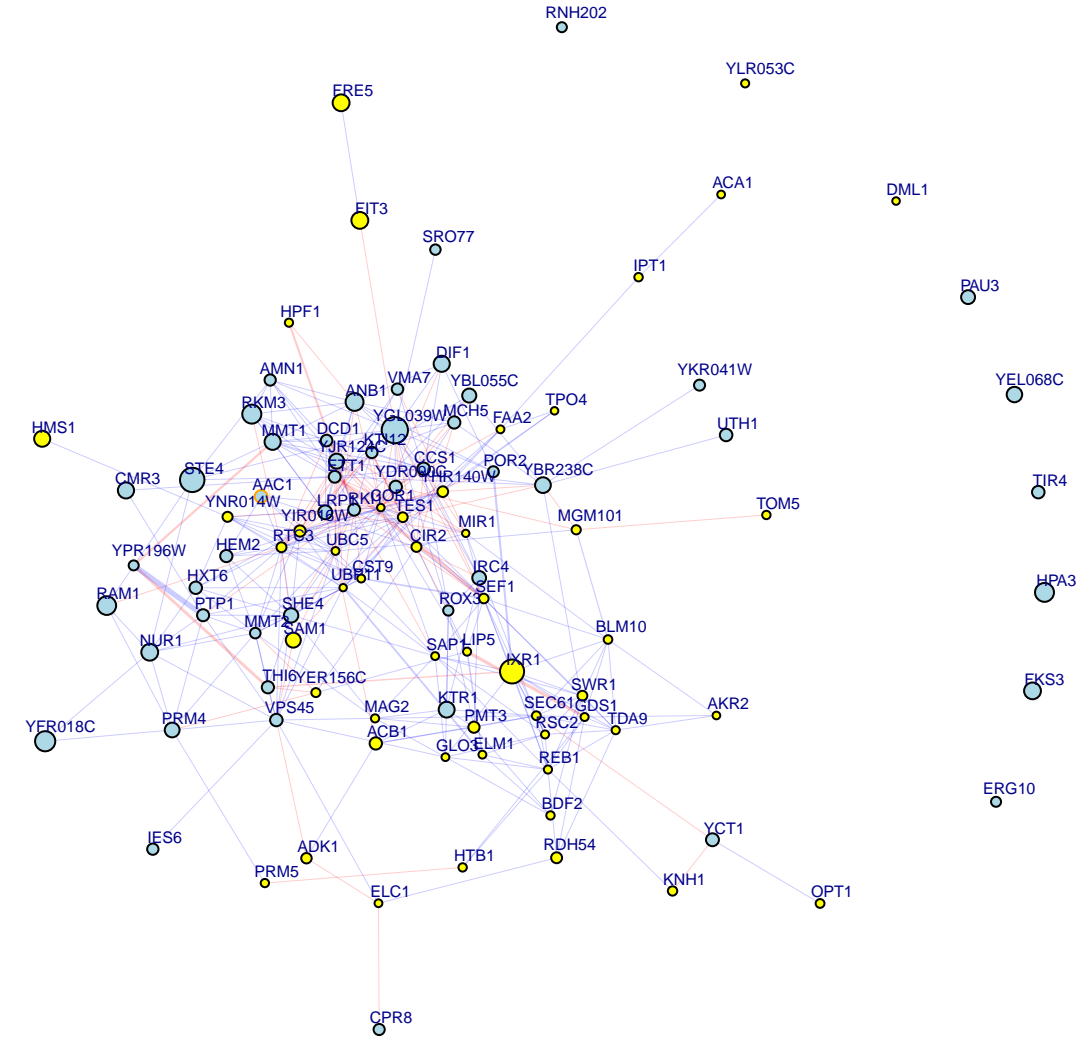
chrXIII:409778_G/T top 50 up genes



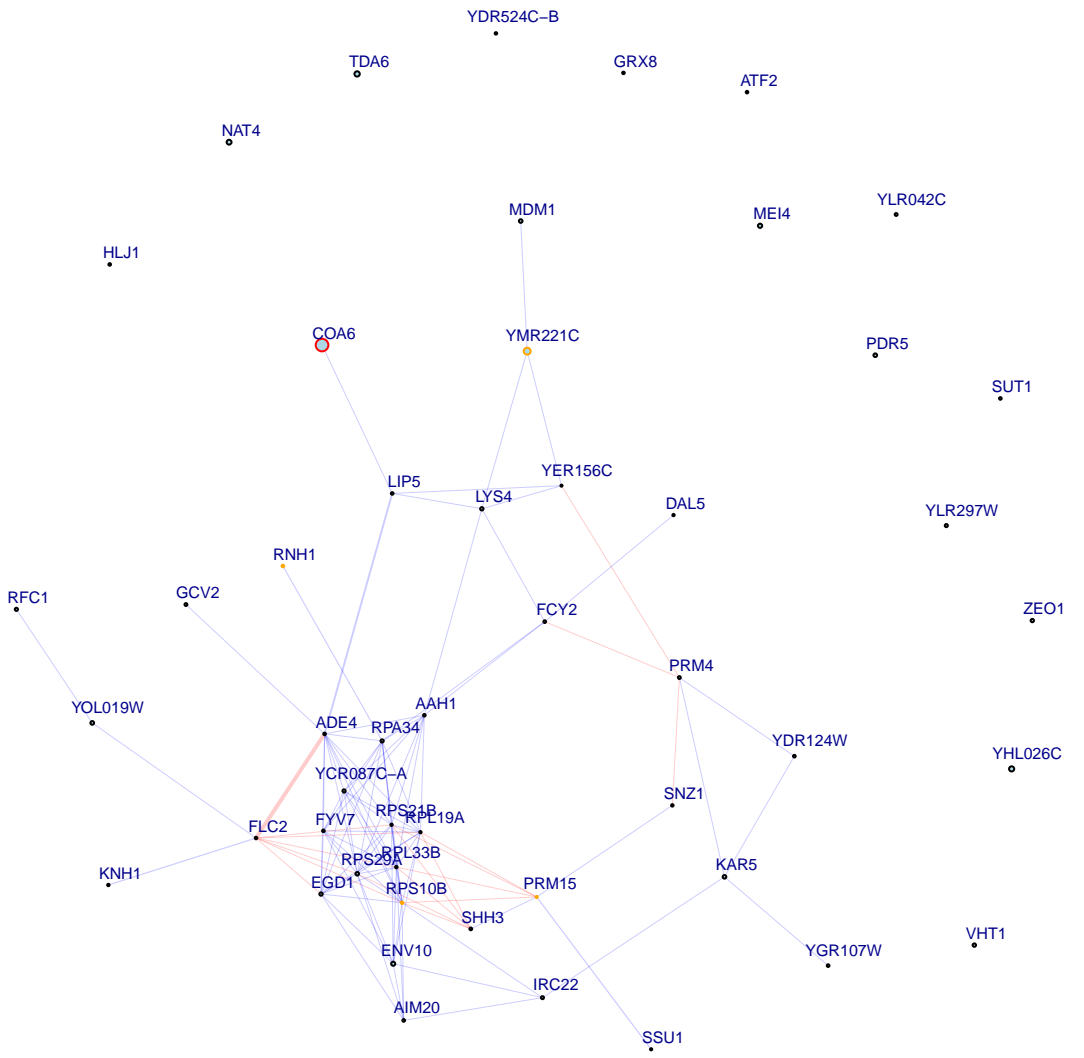
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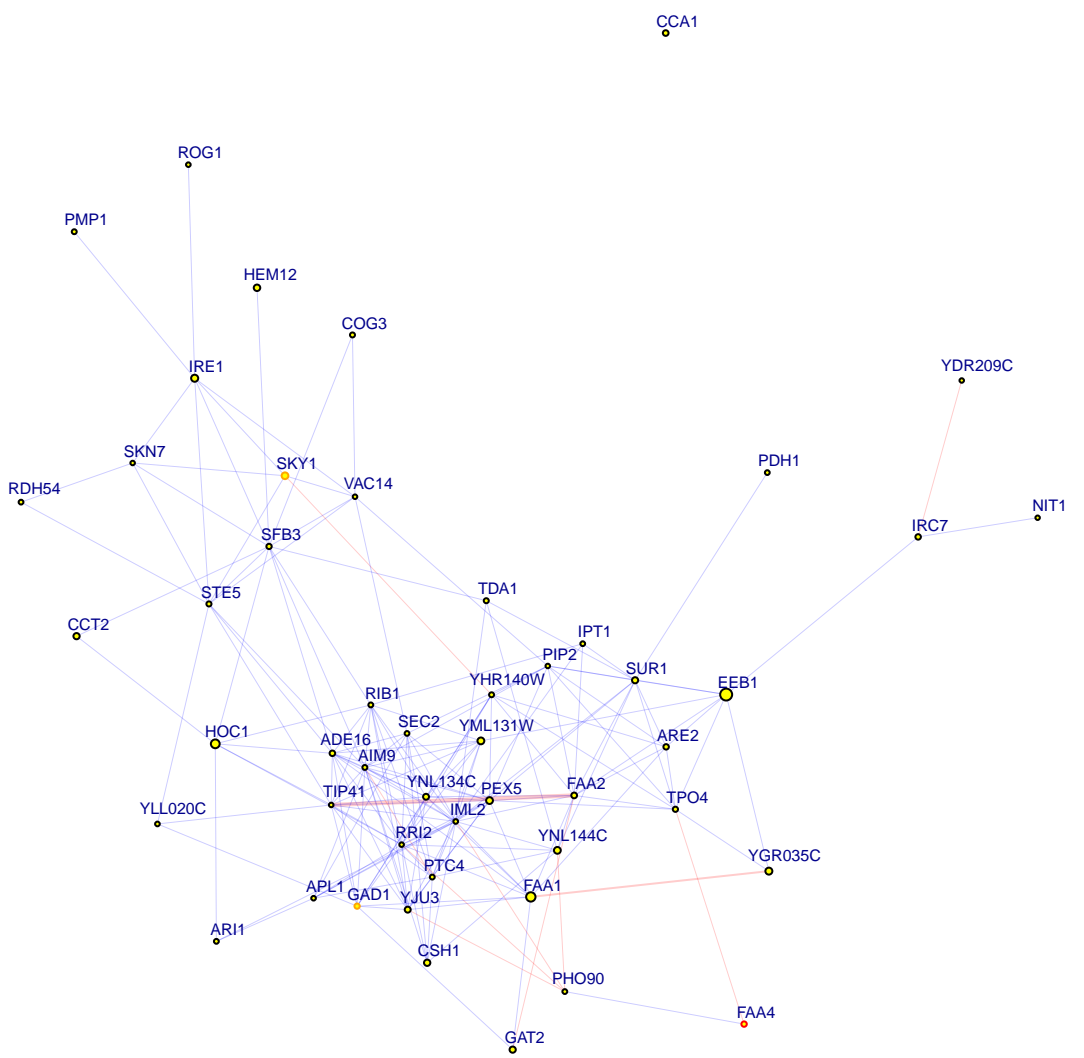
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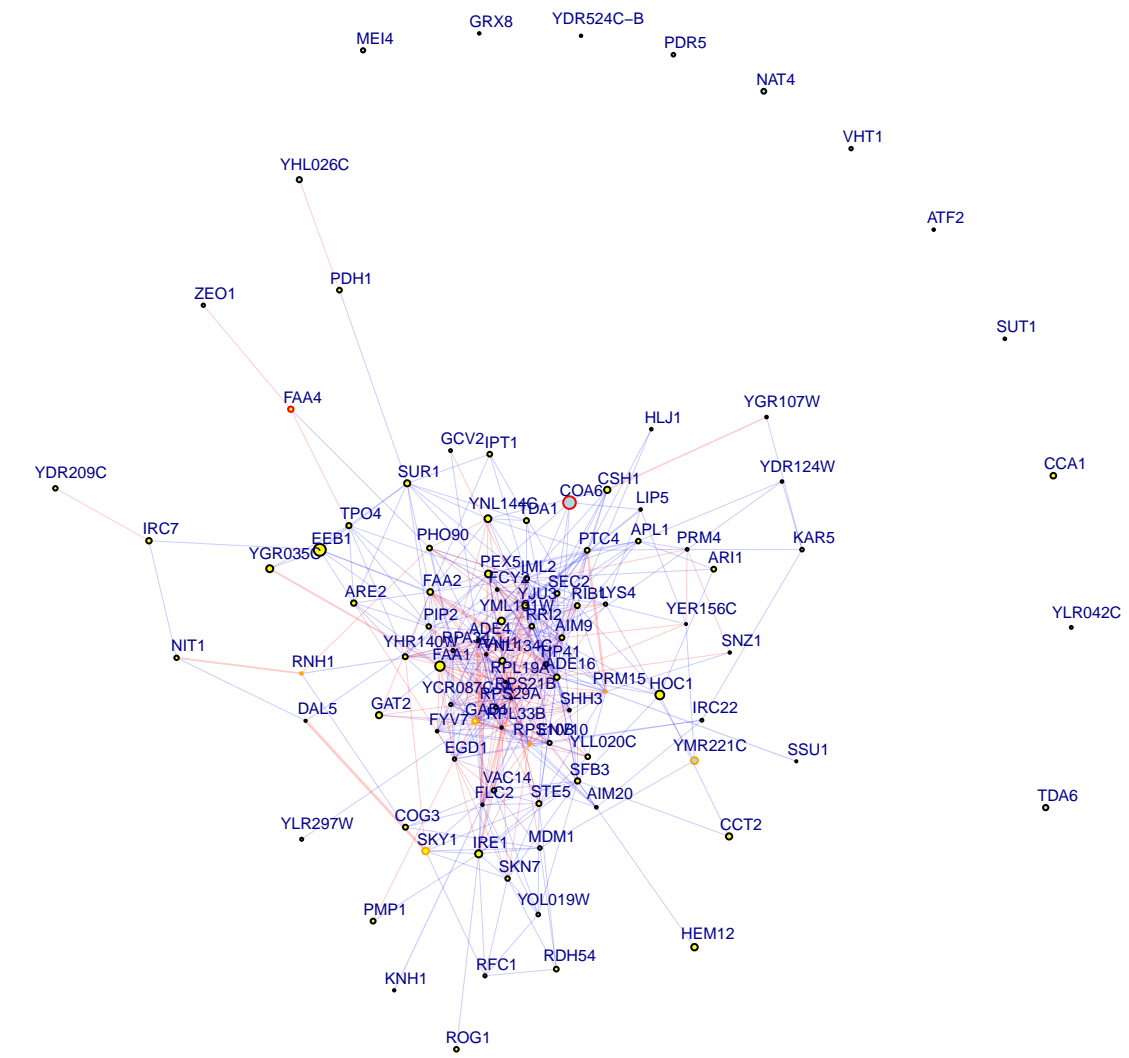
chrXIII:761318_T/A top 50 up genes



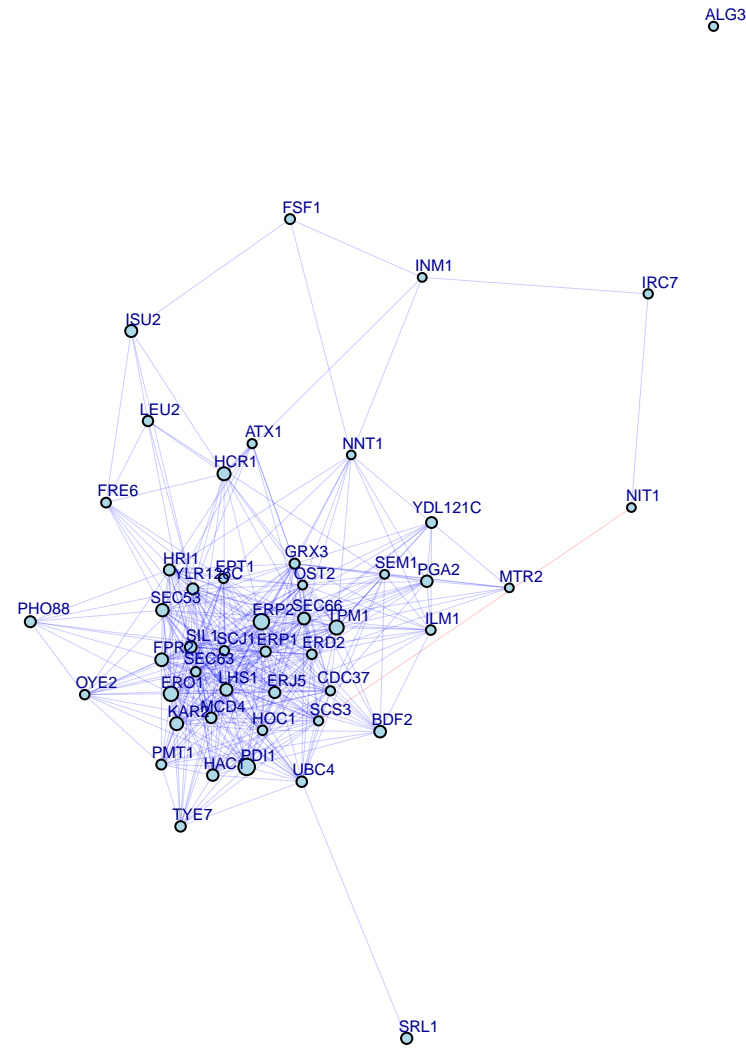
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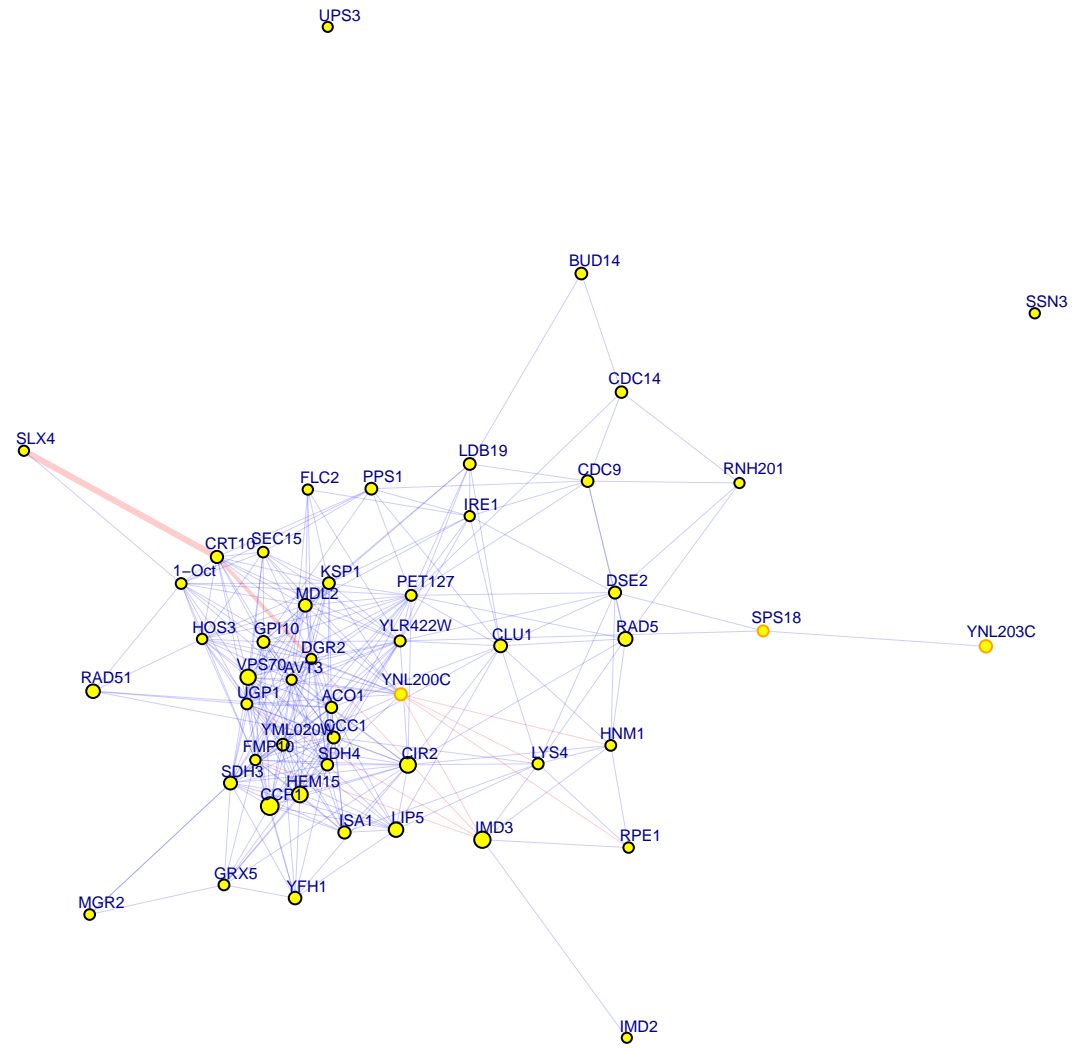
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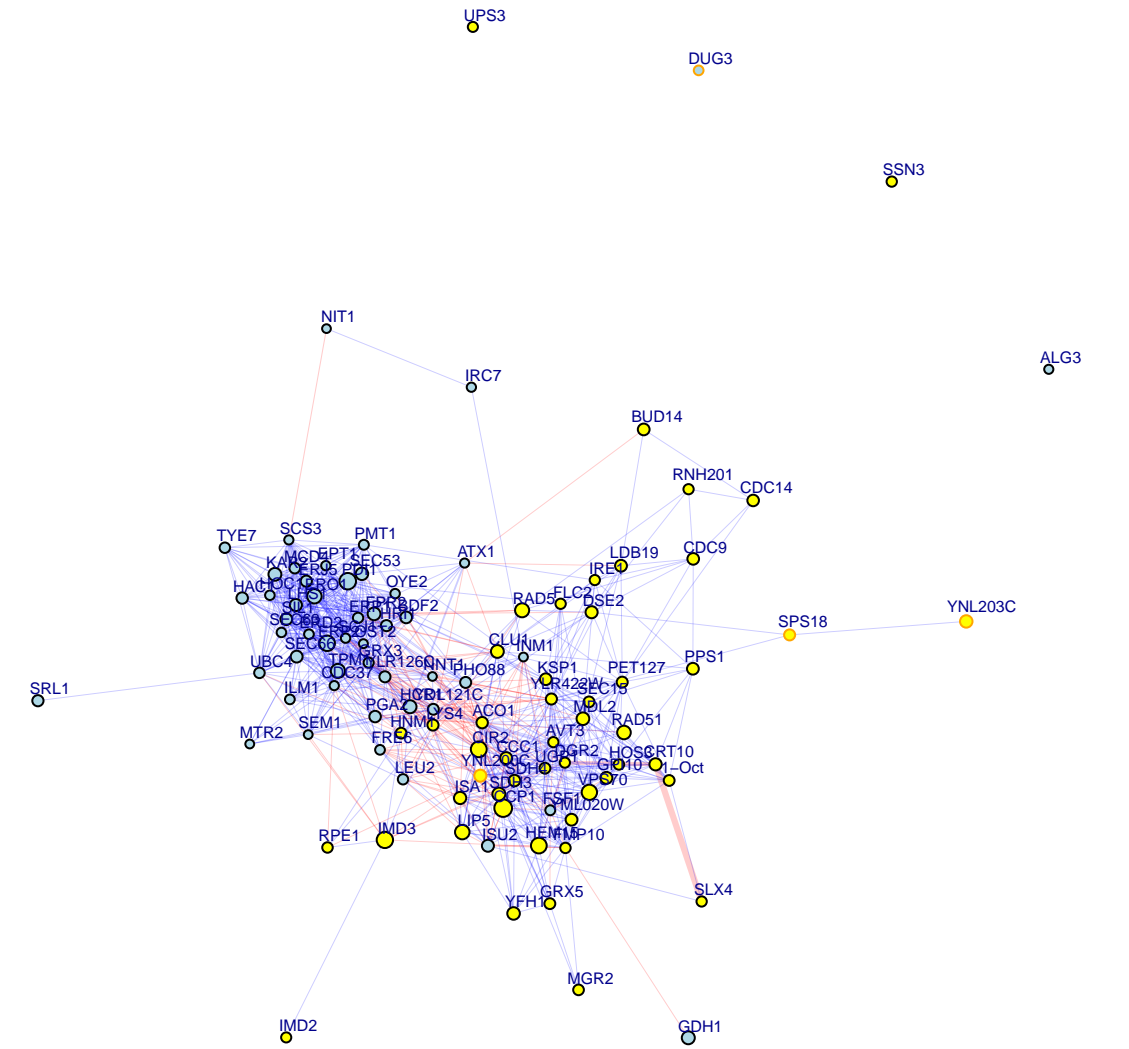
chrXIV:267161_G/A top 50 up genes



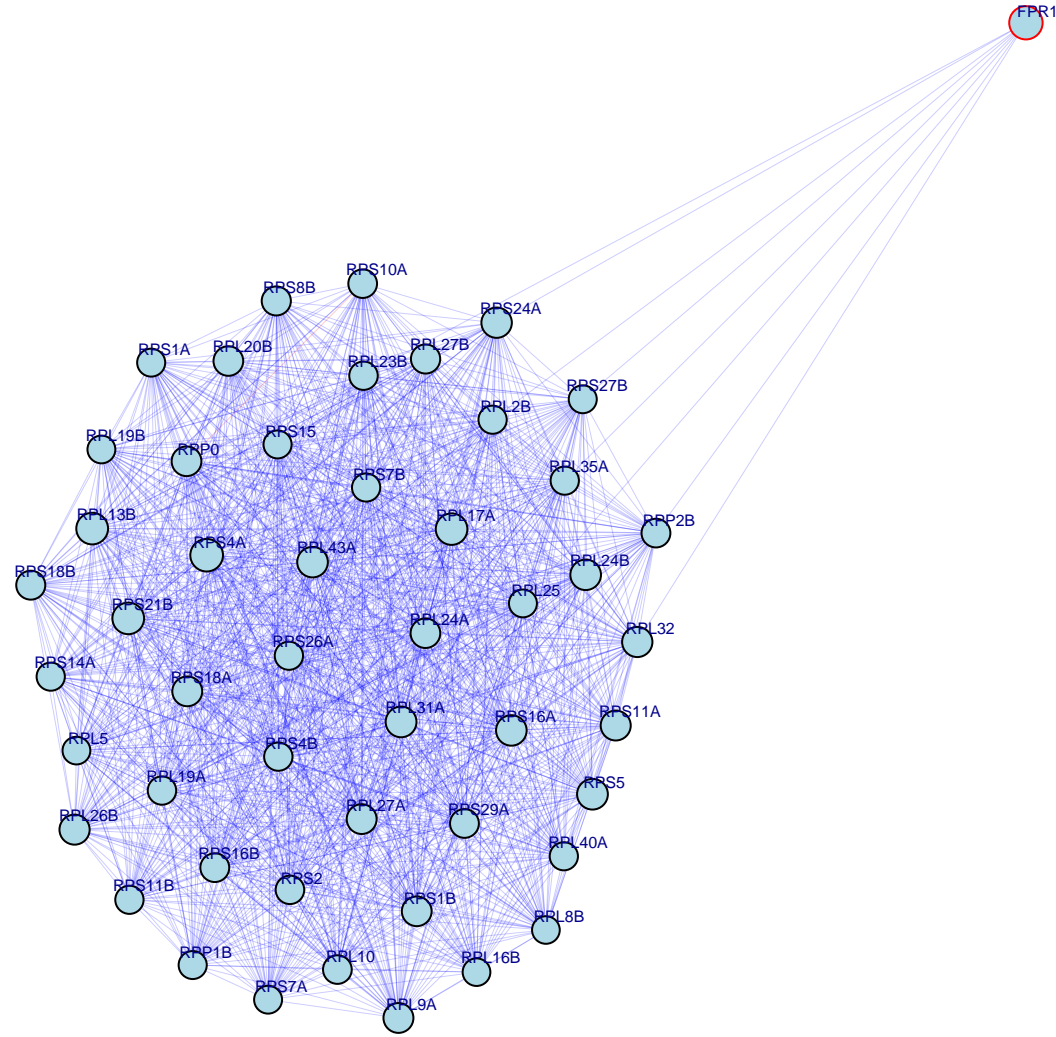
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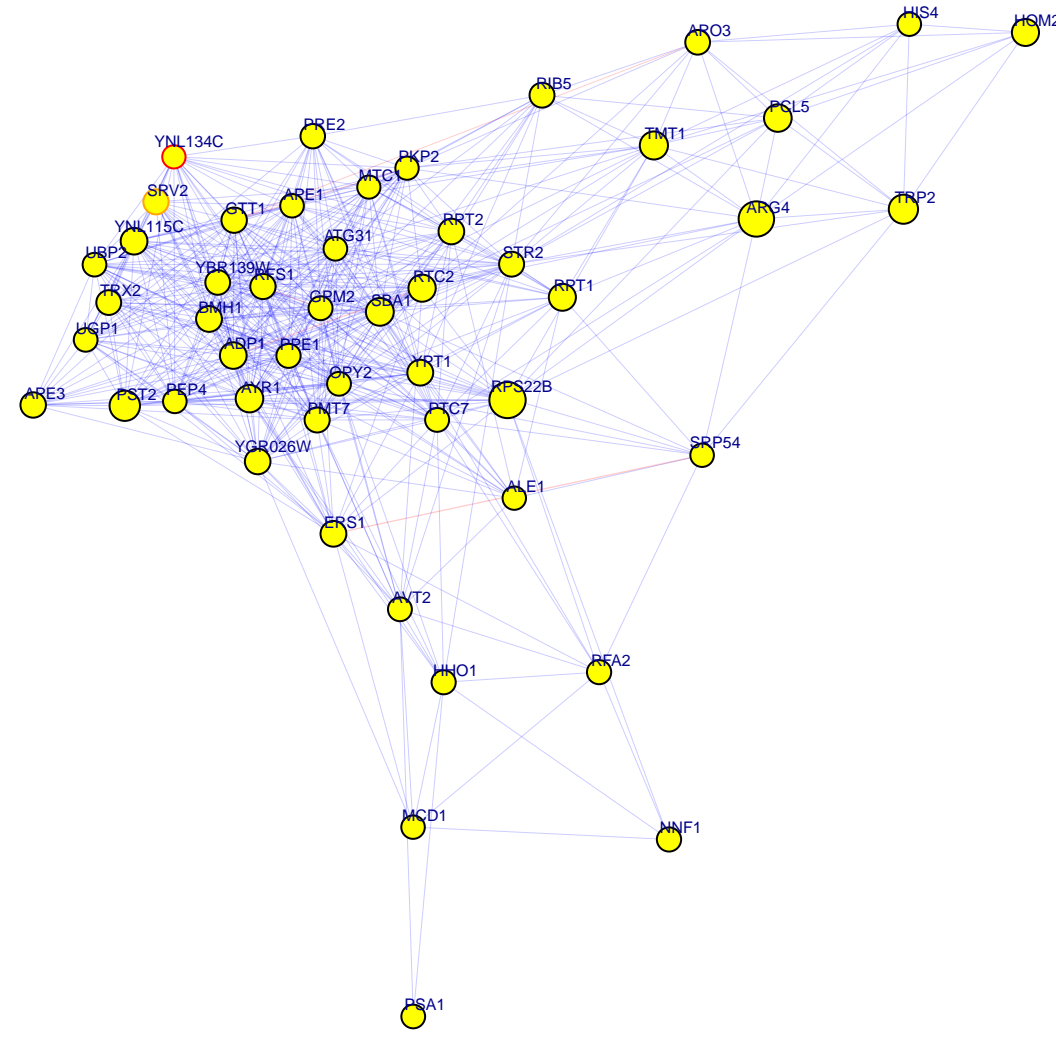
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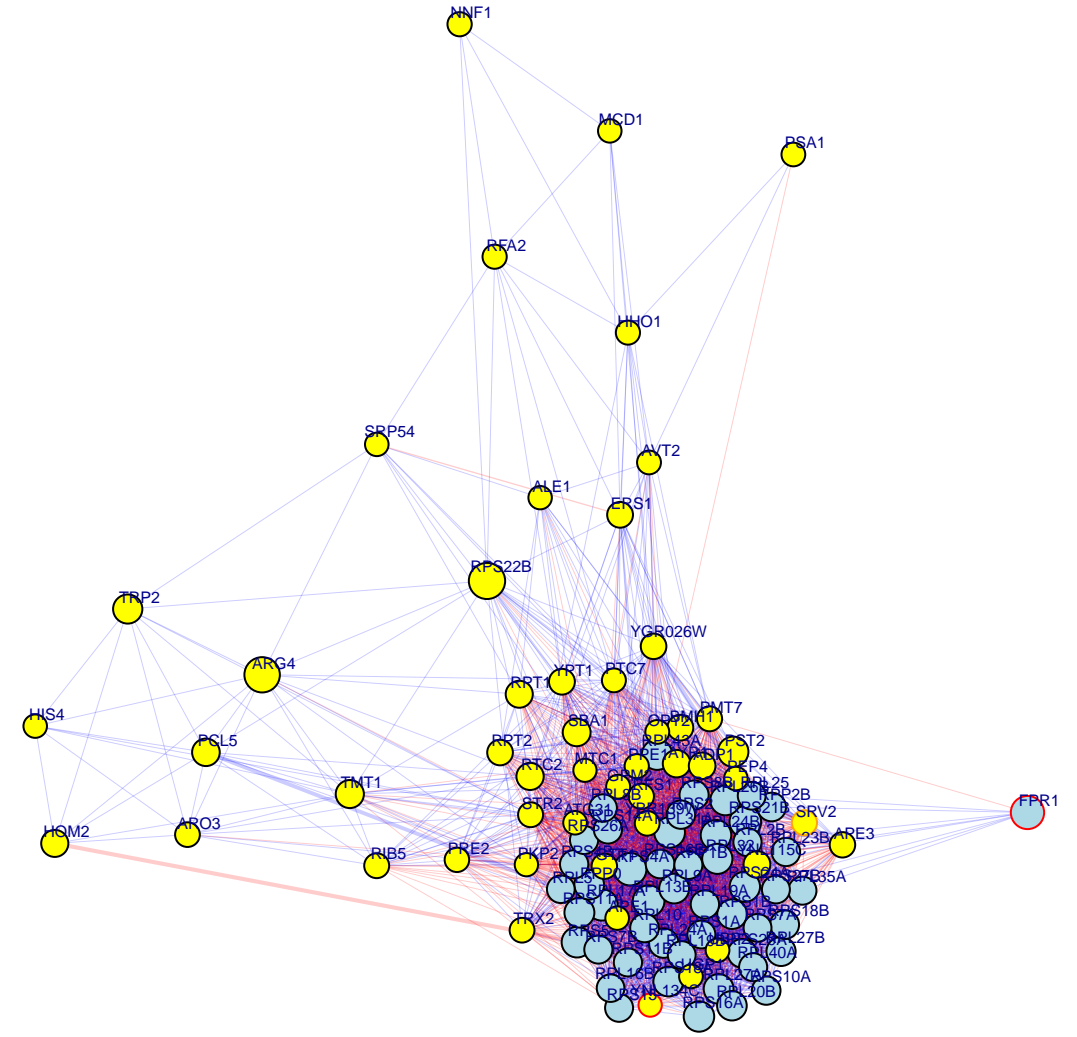
chrXIV:372376_G/A top 50 up genes



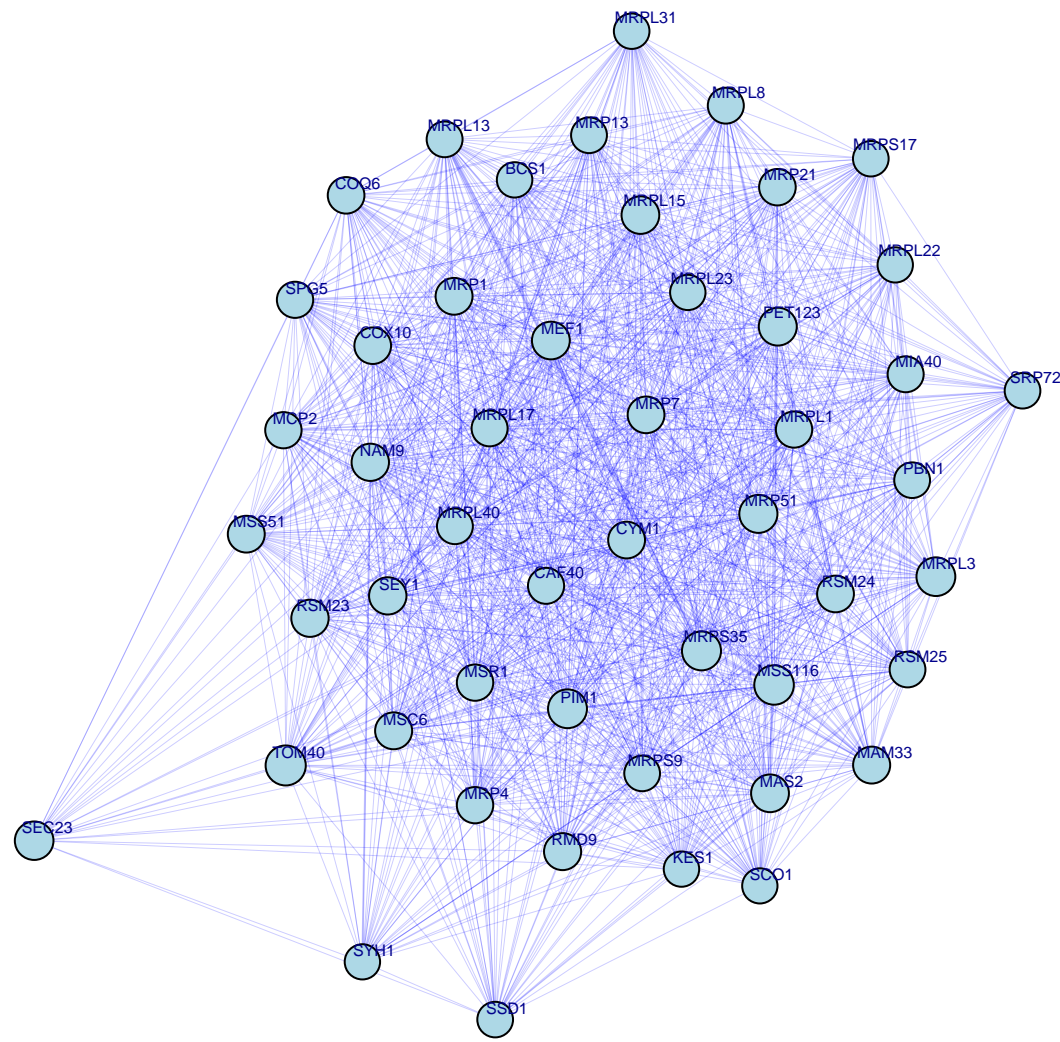
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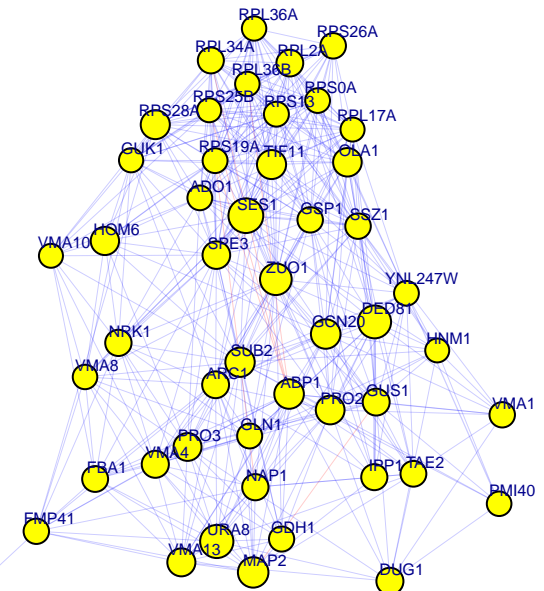
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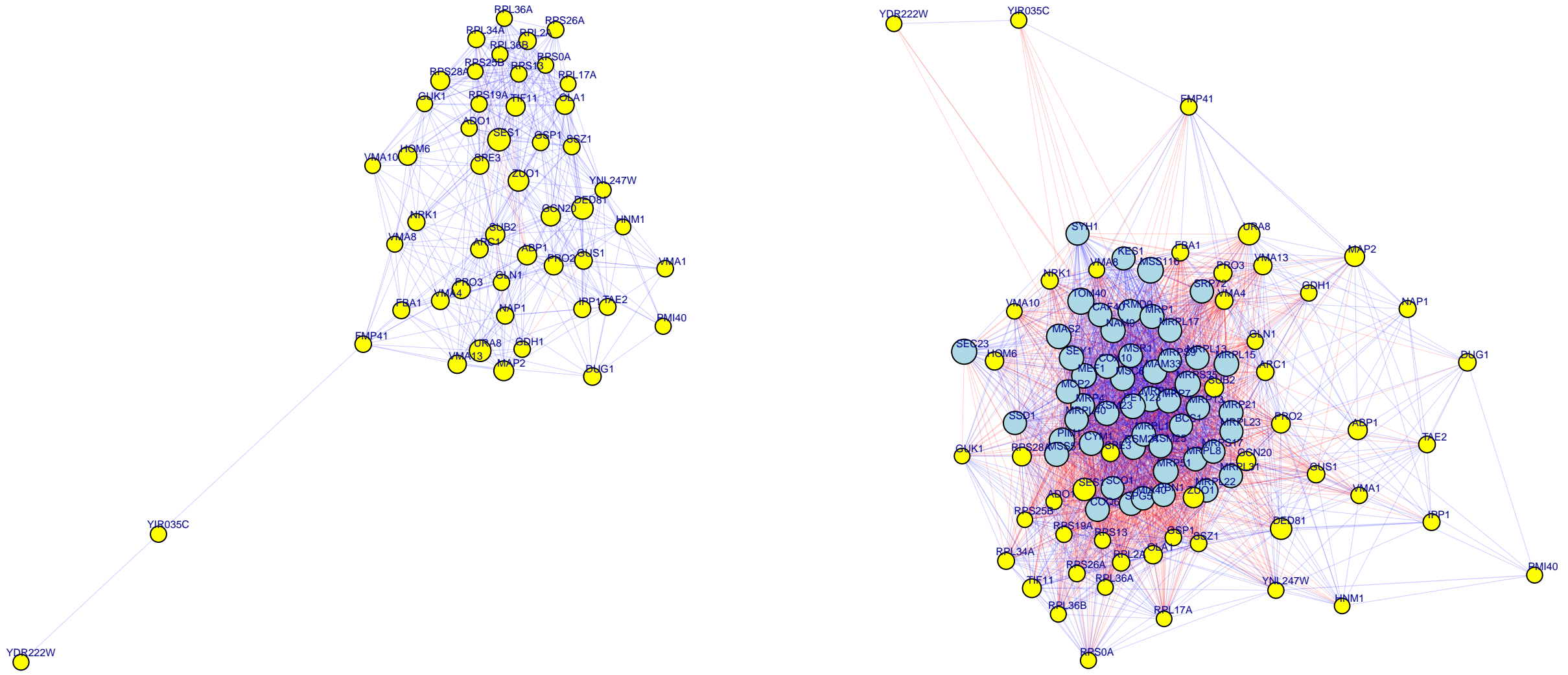
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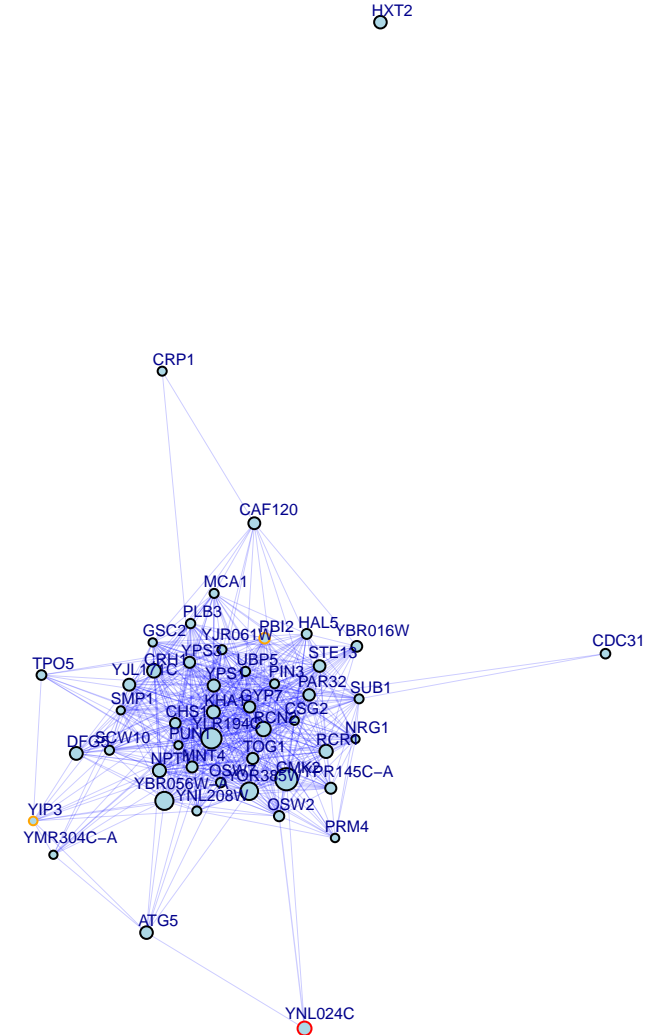
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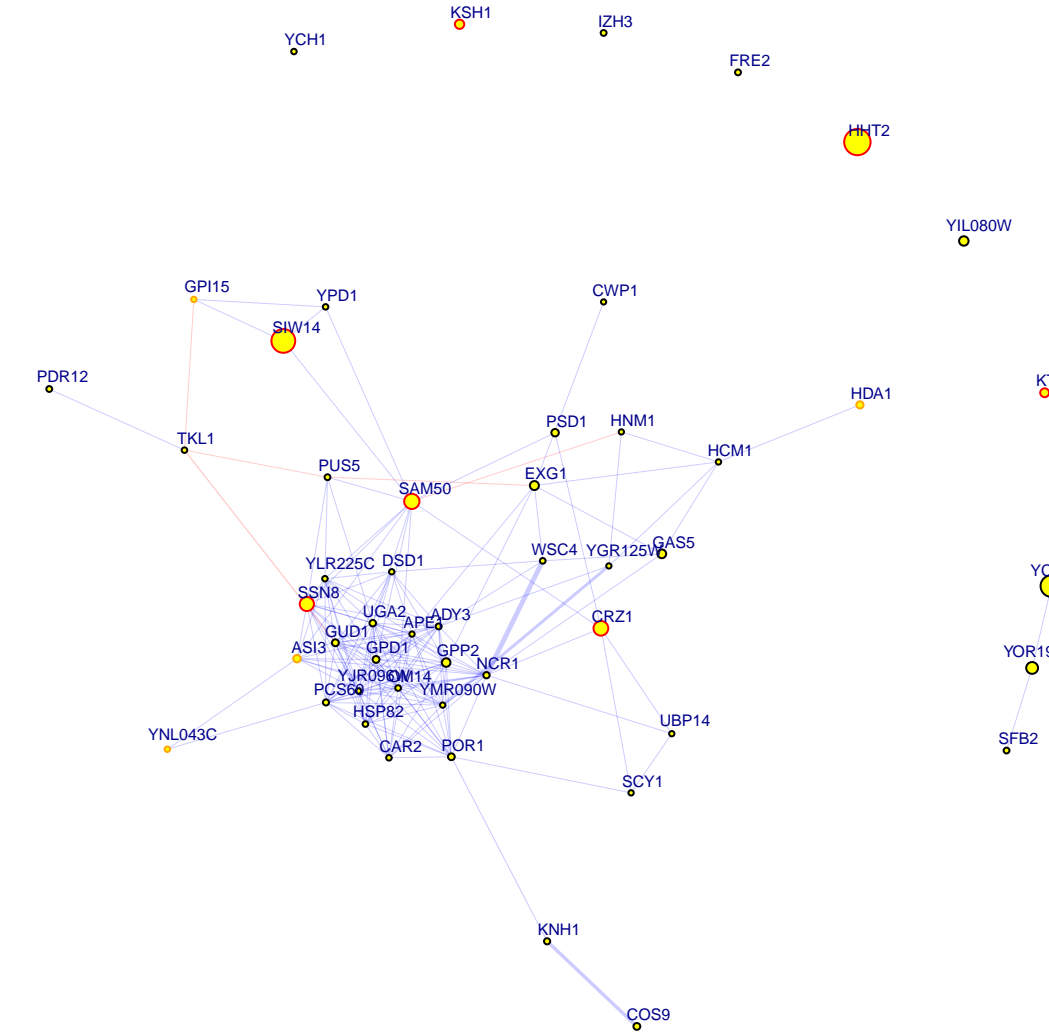
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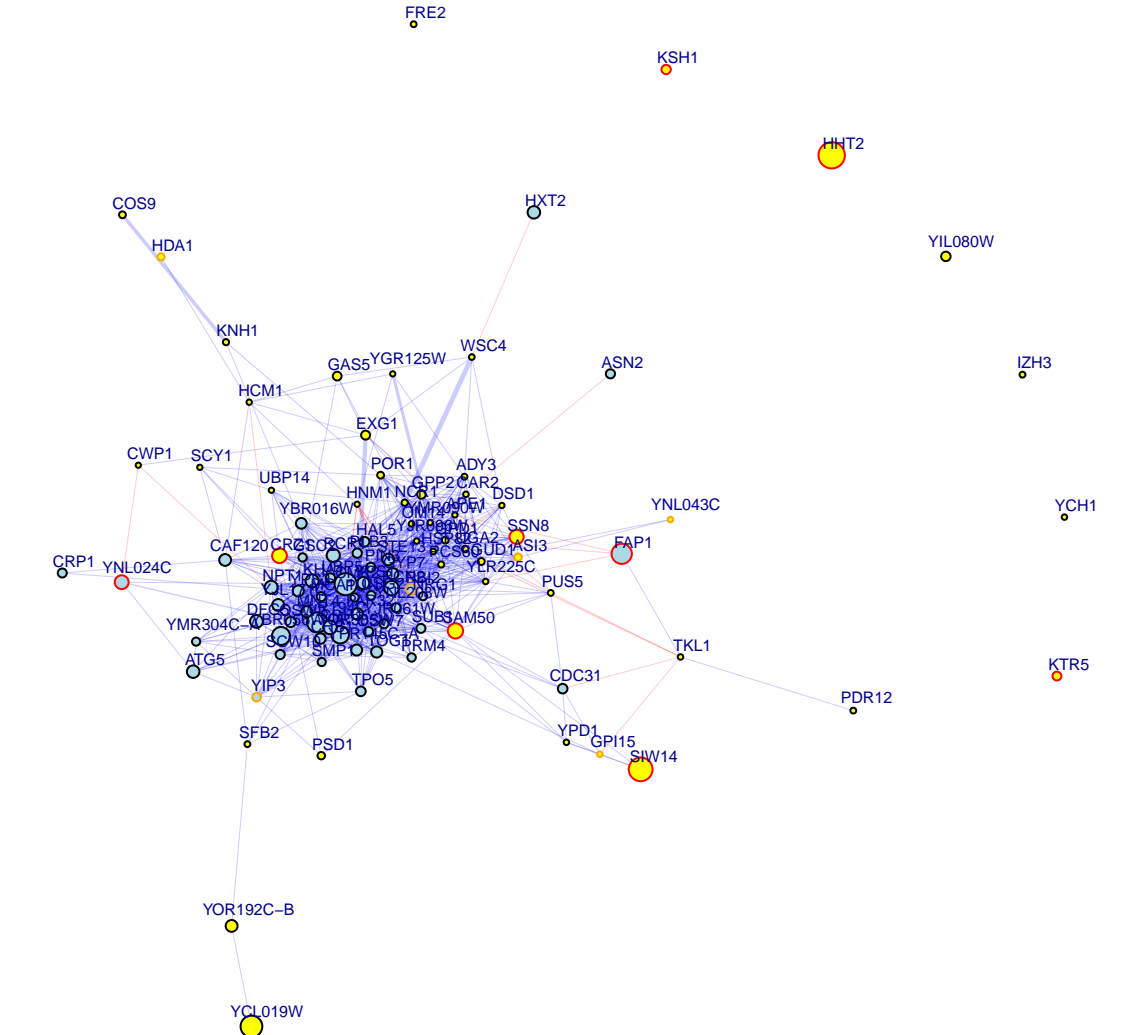
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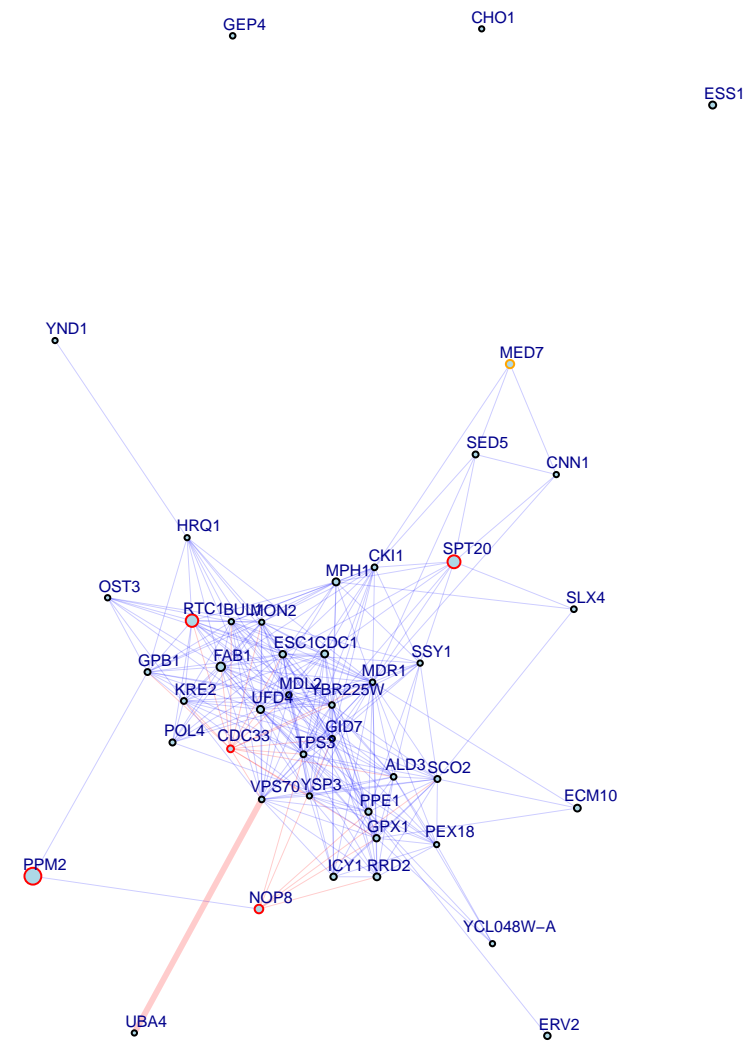
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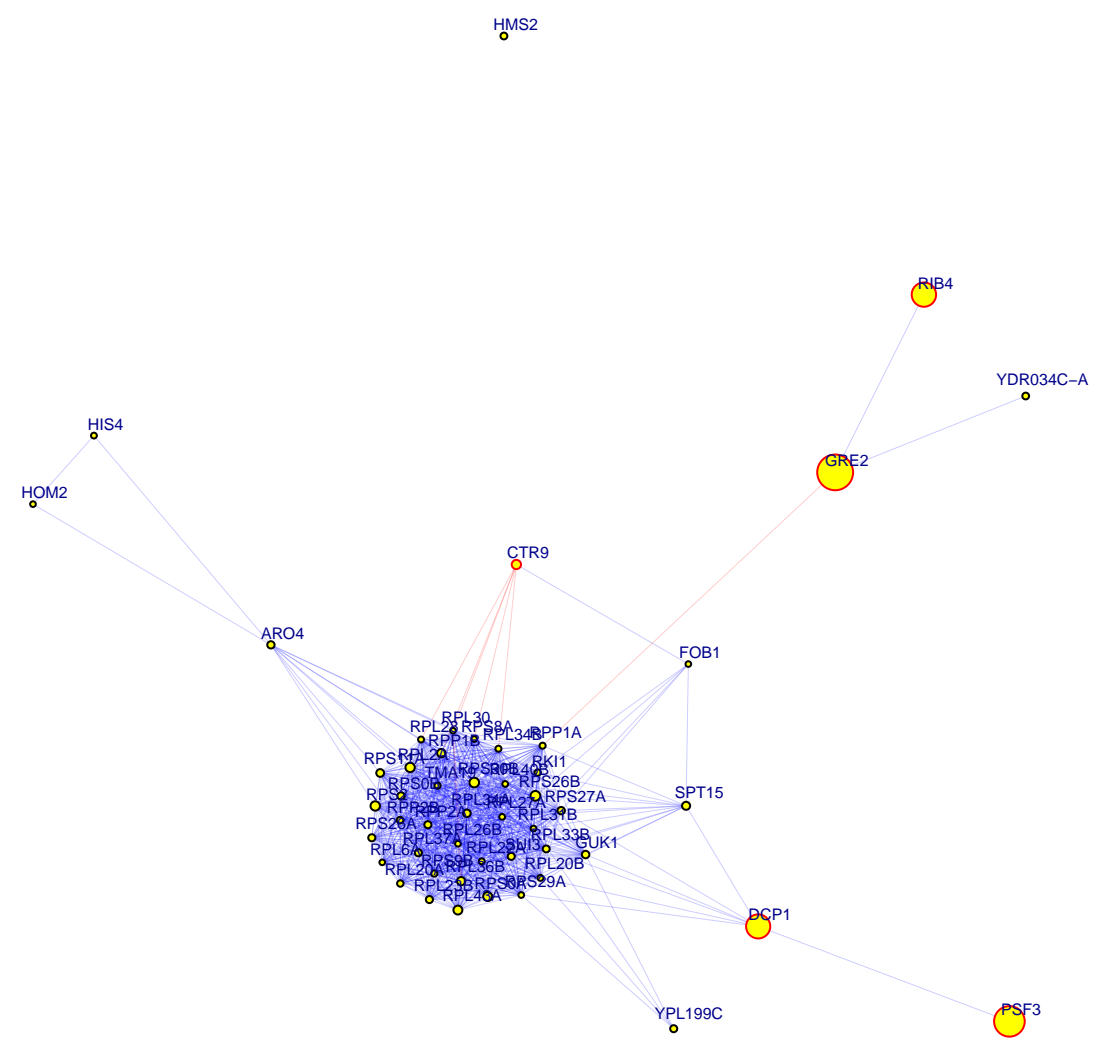
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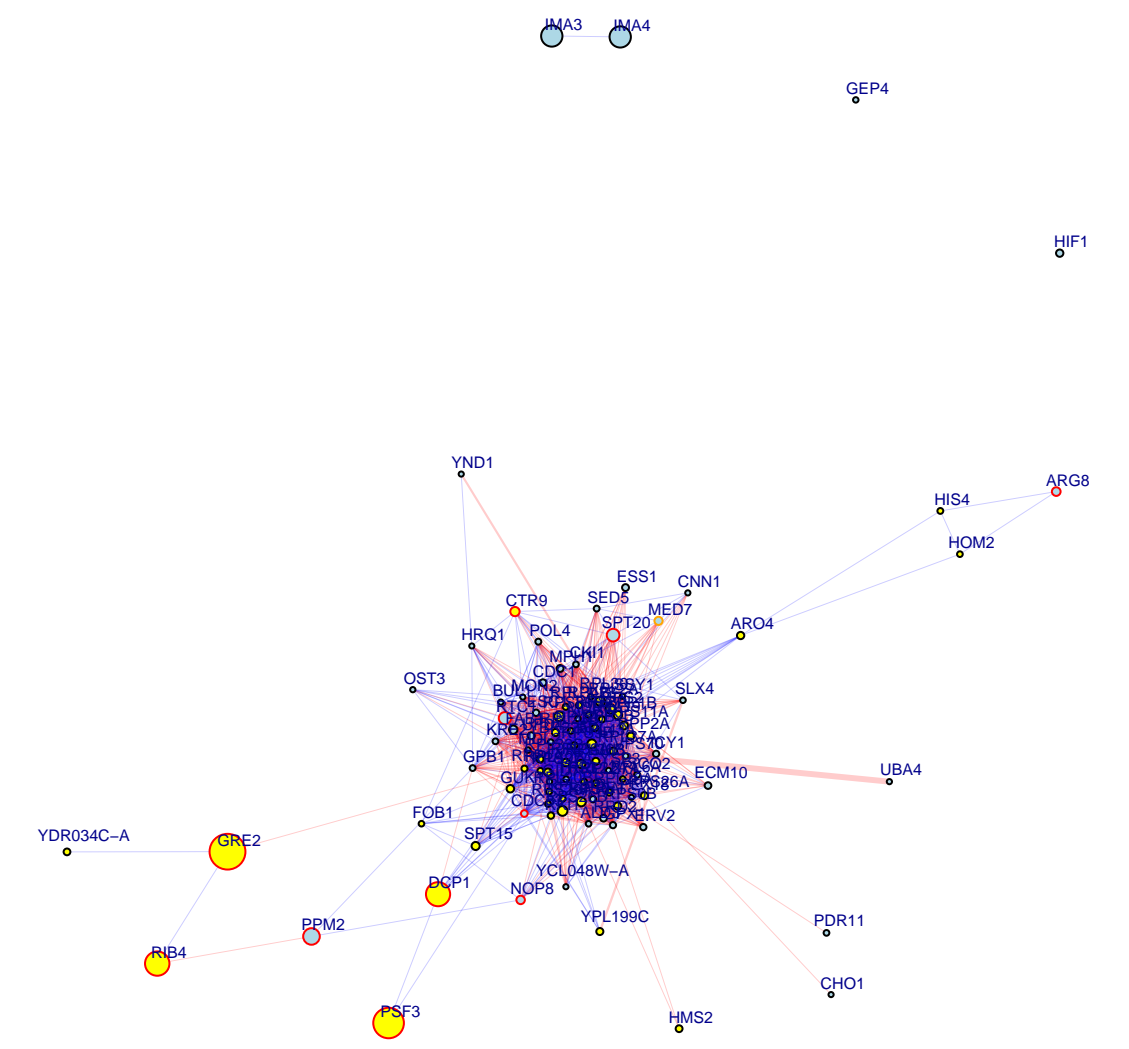
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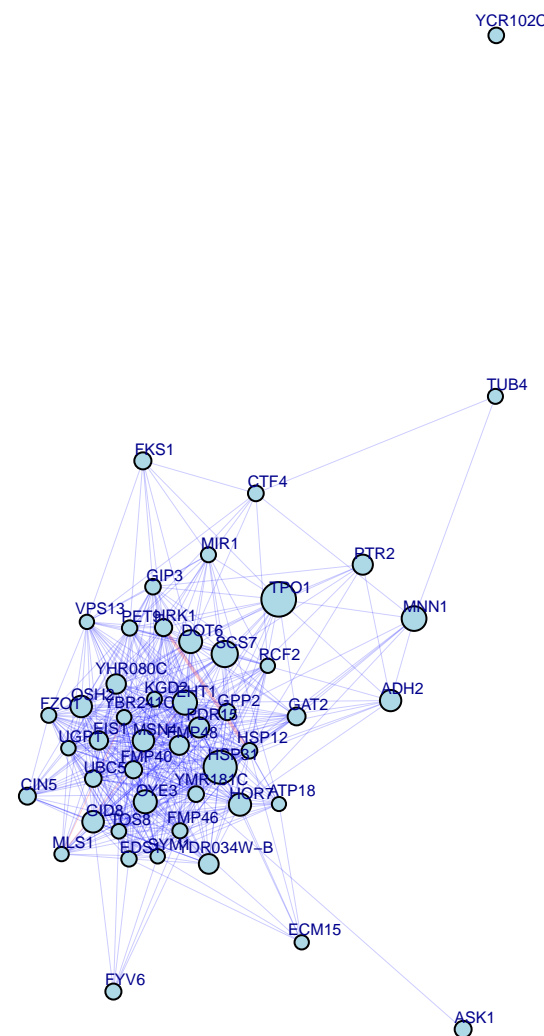
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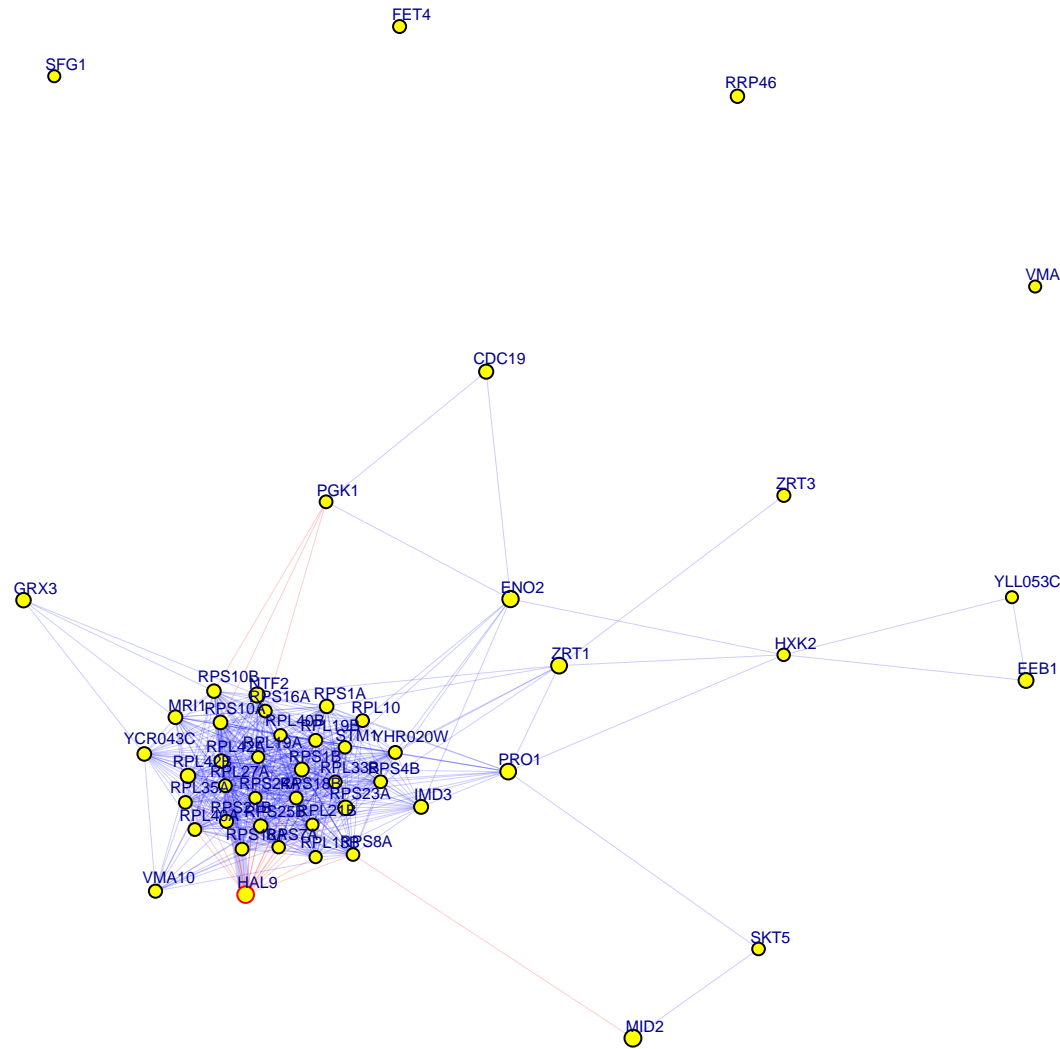
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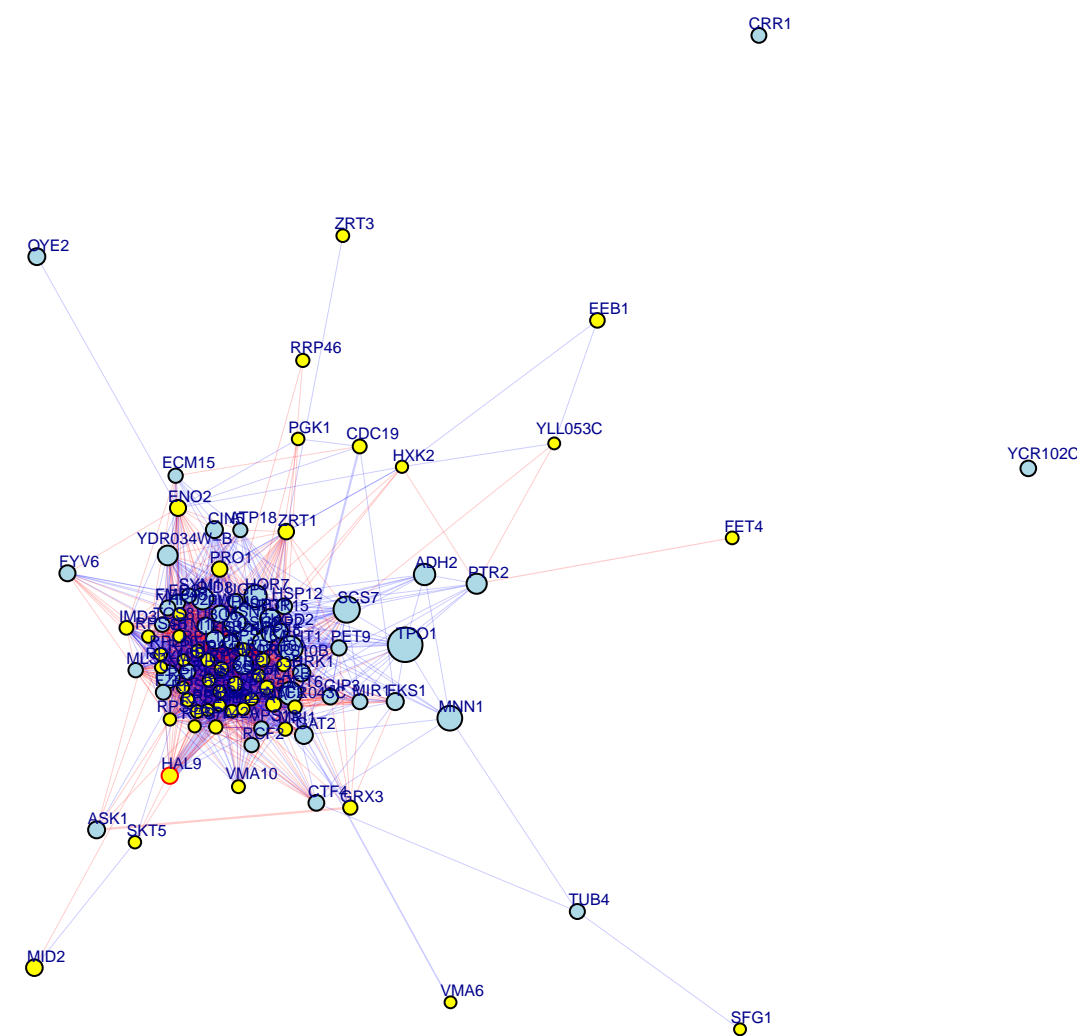
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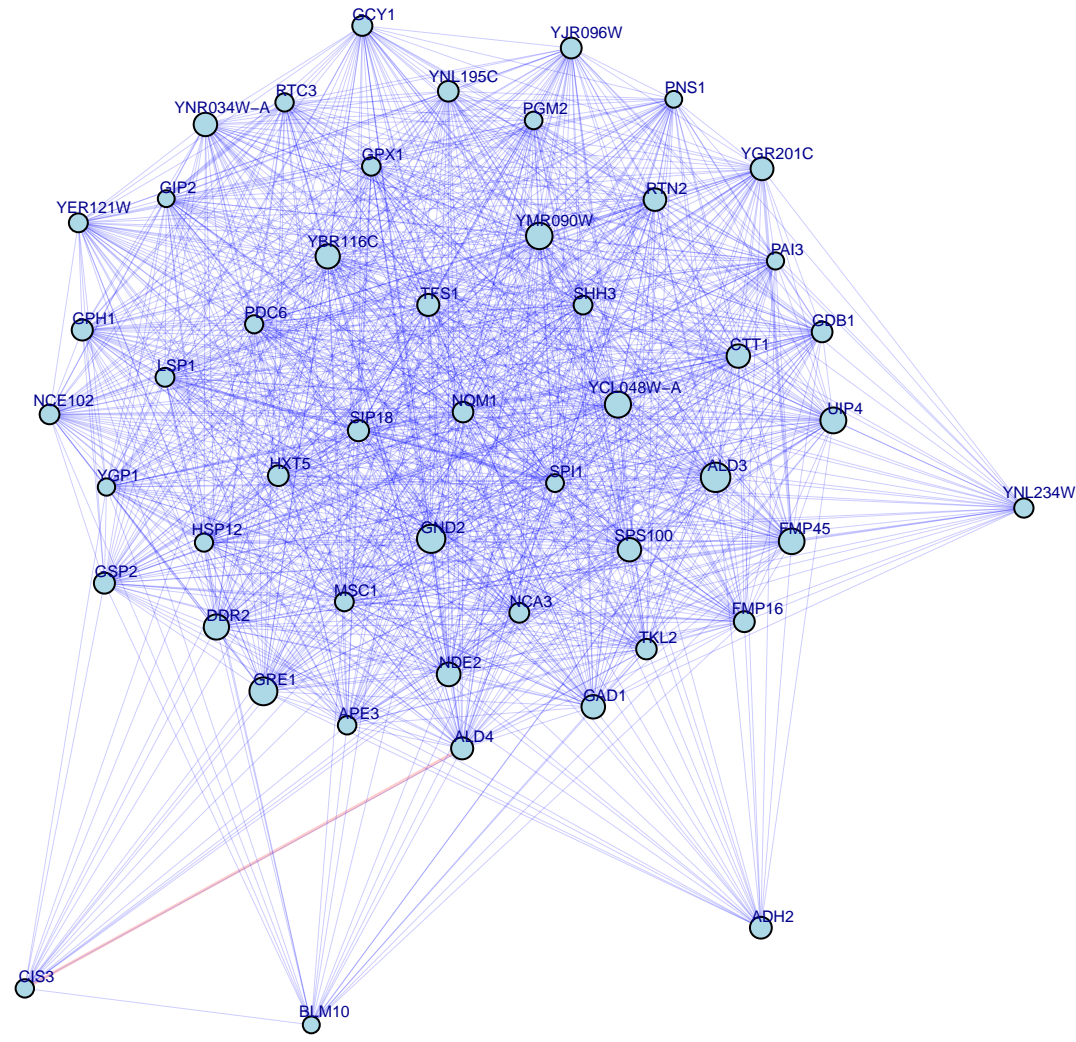
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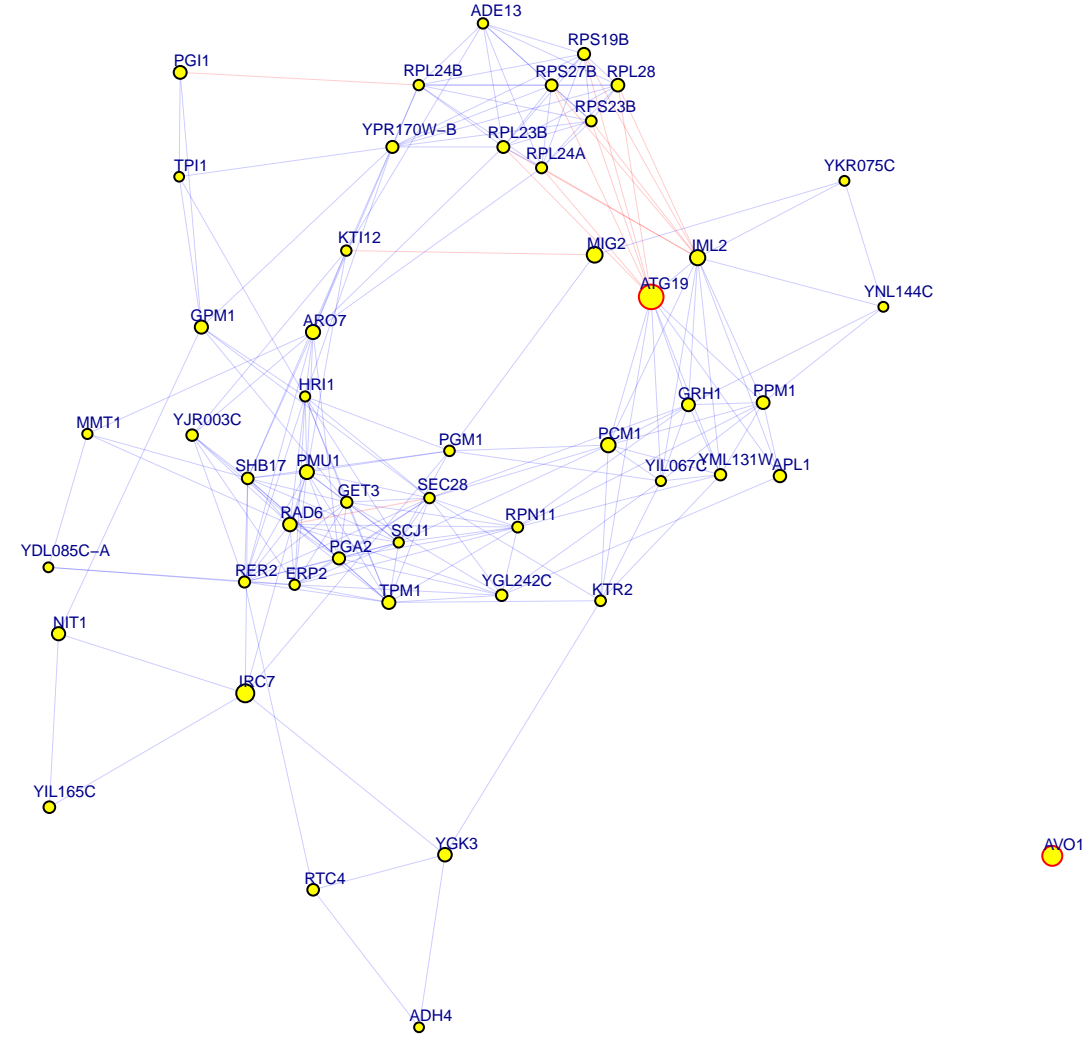
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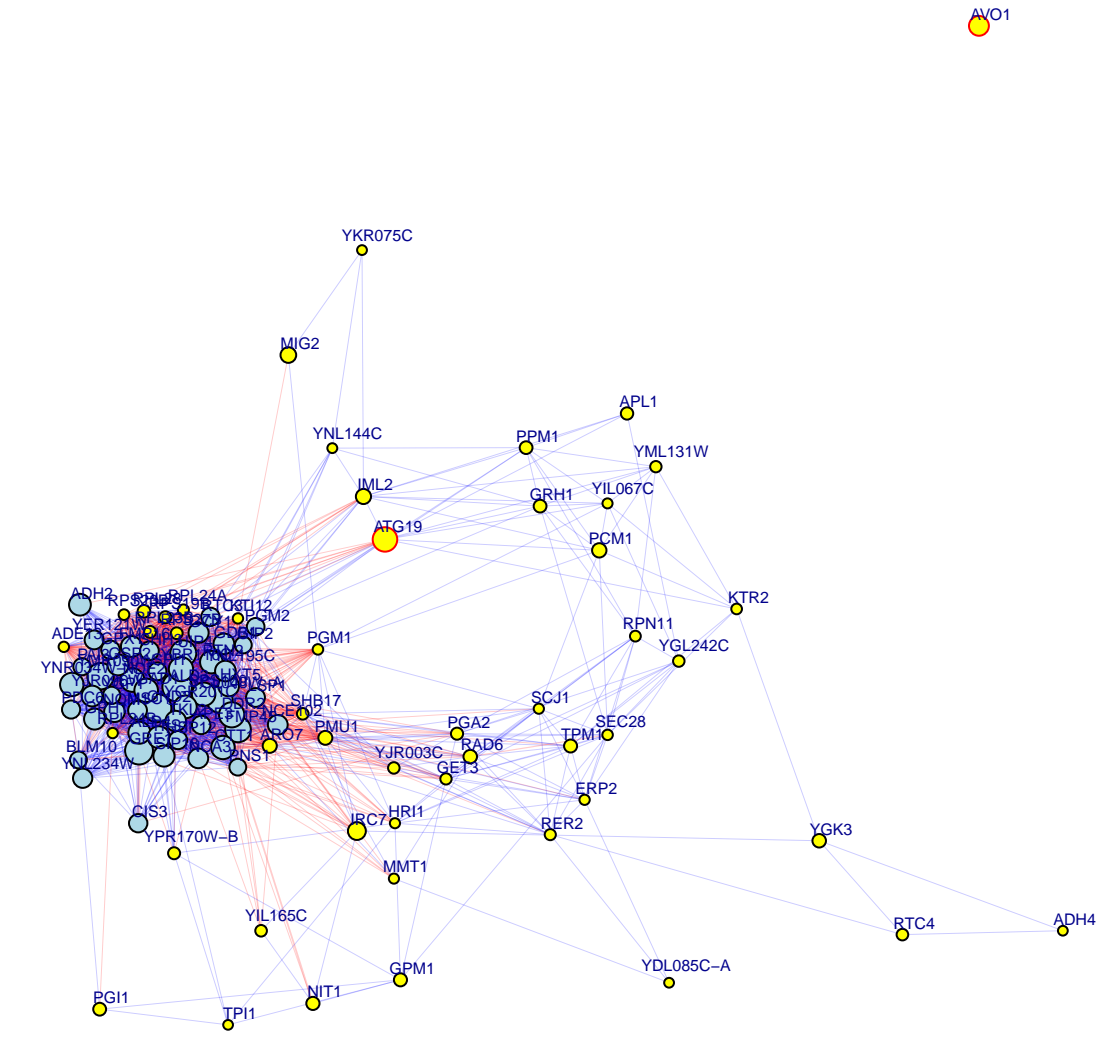
chrXV:171150_T/C top 50 up genes



chrXV:171150_T/C top 50 down genes



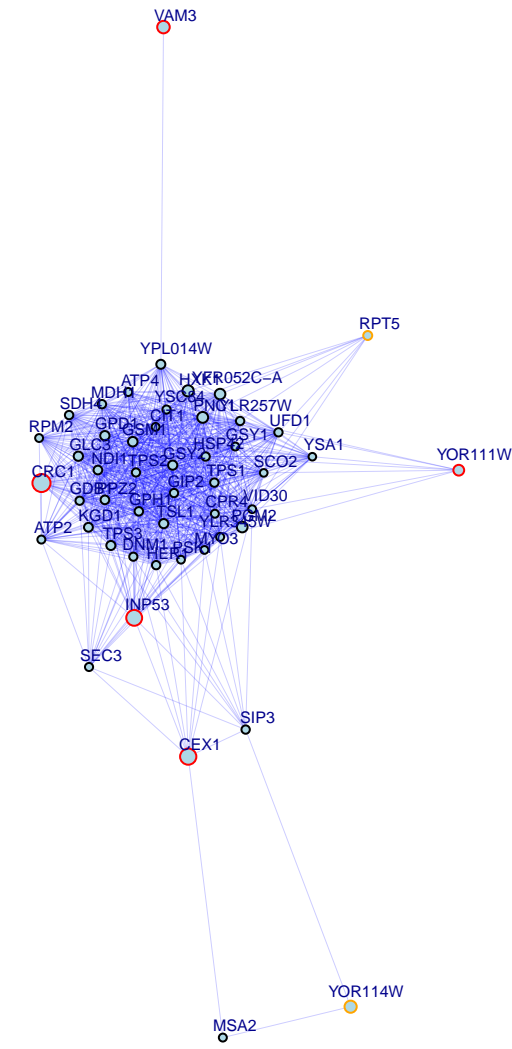
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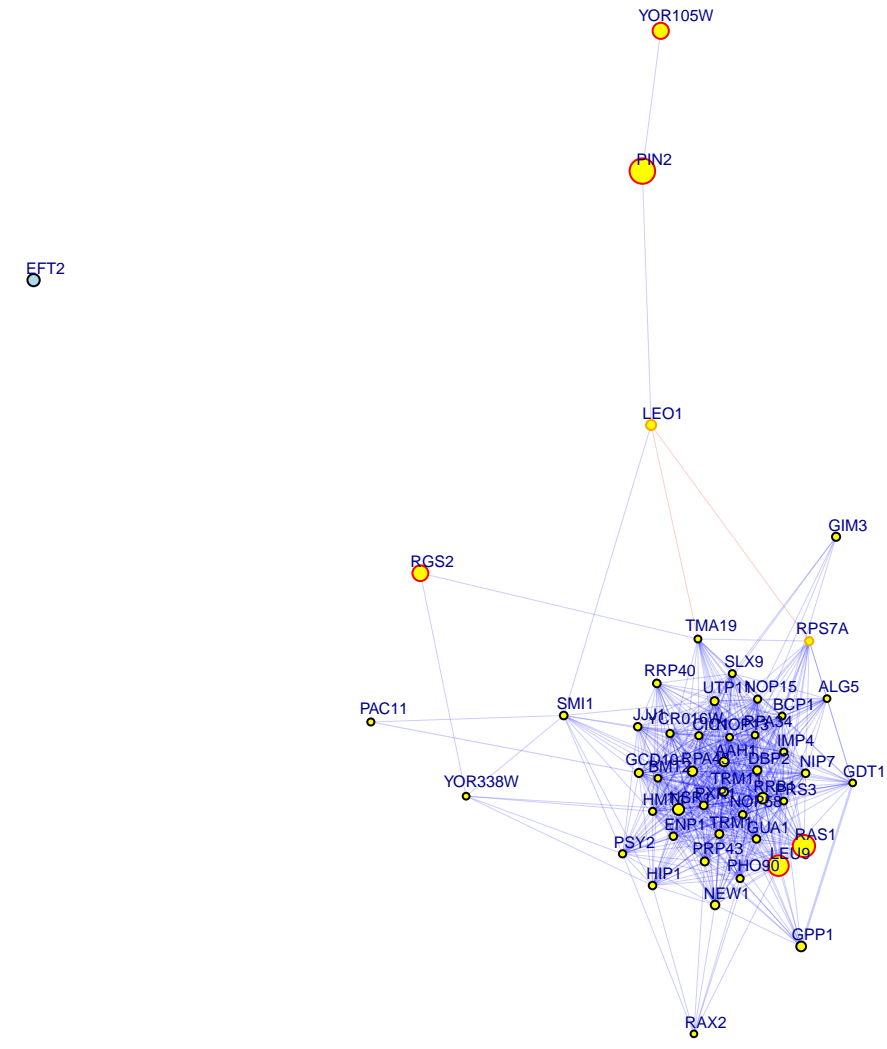
AVO1

AVO1

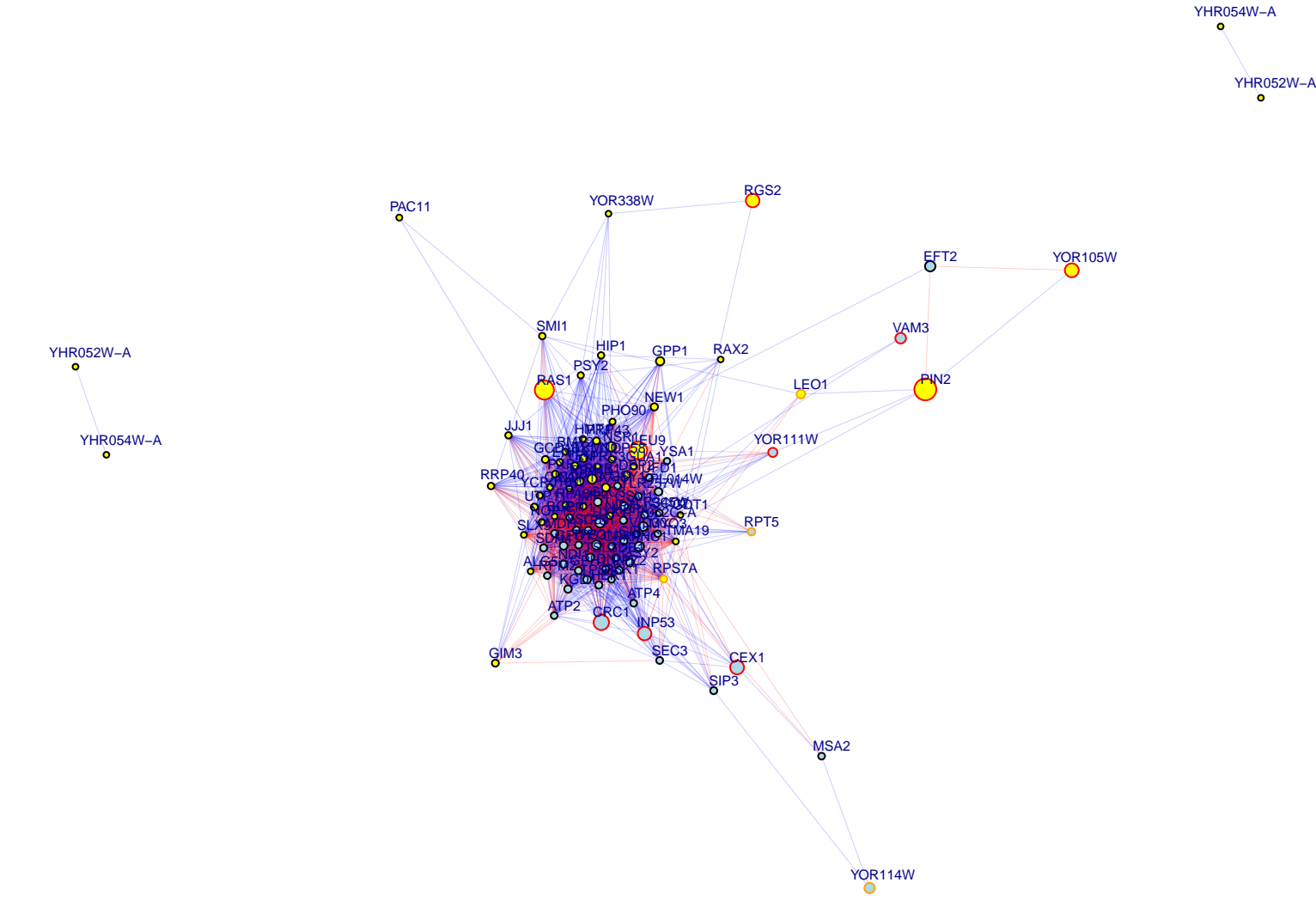
chrXV:521864_C/T top 50 up genes



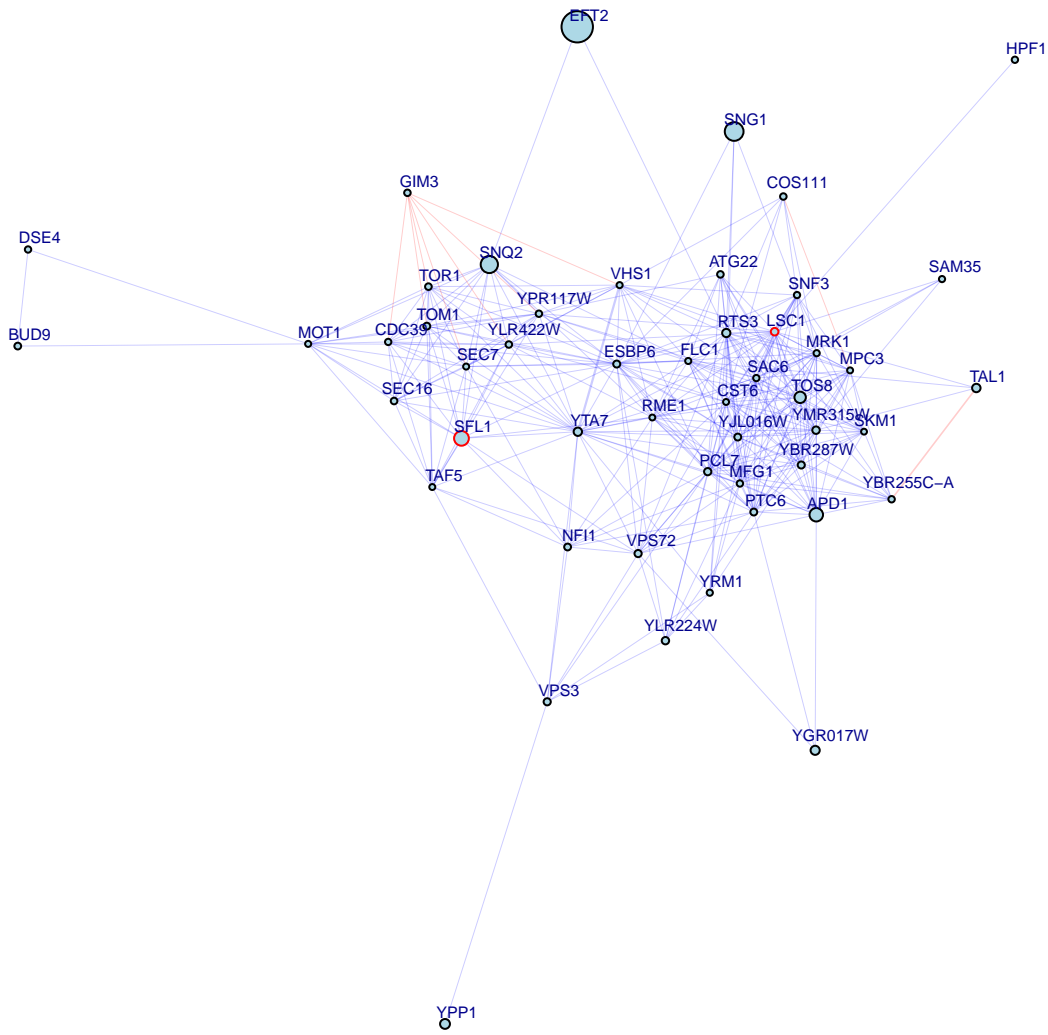
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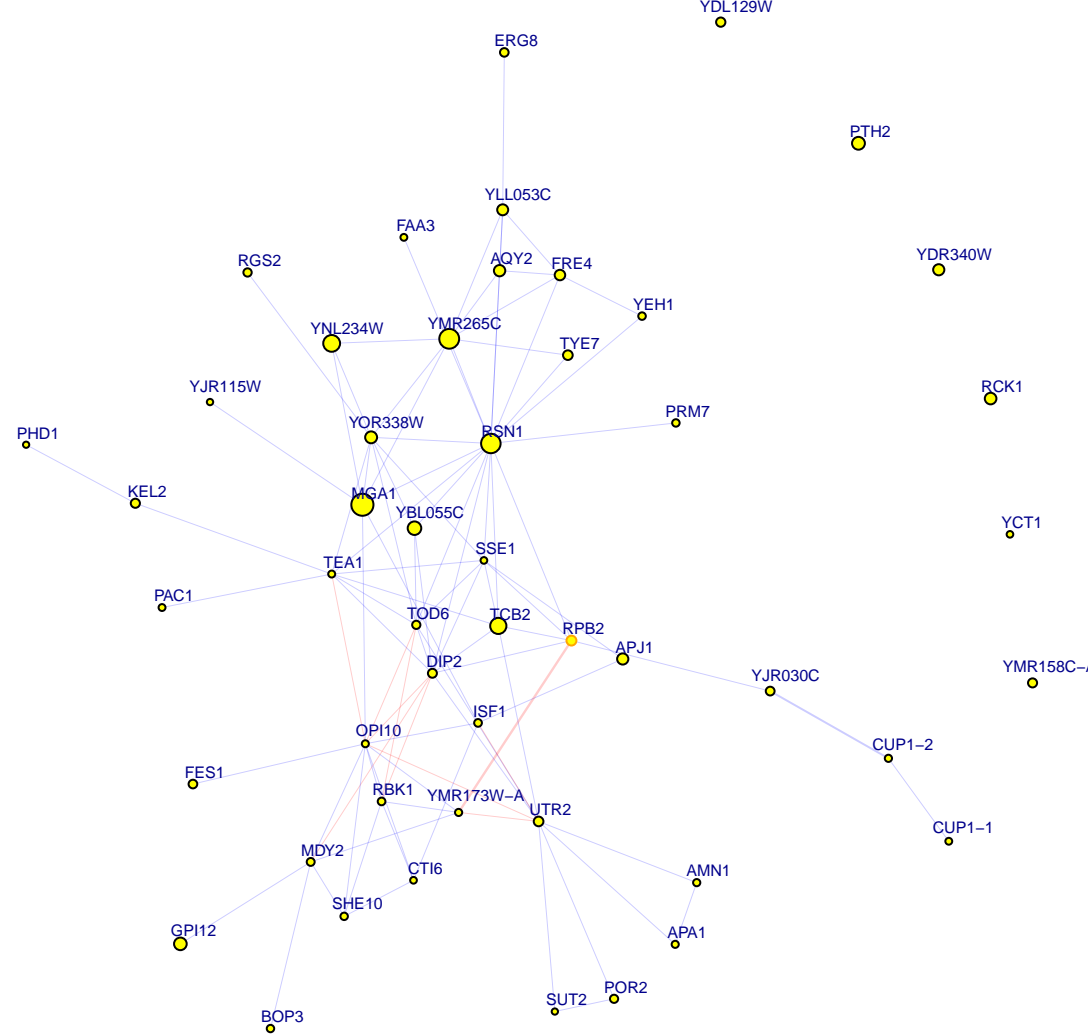
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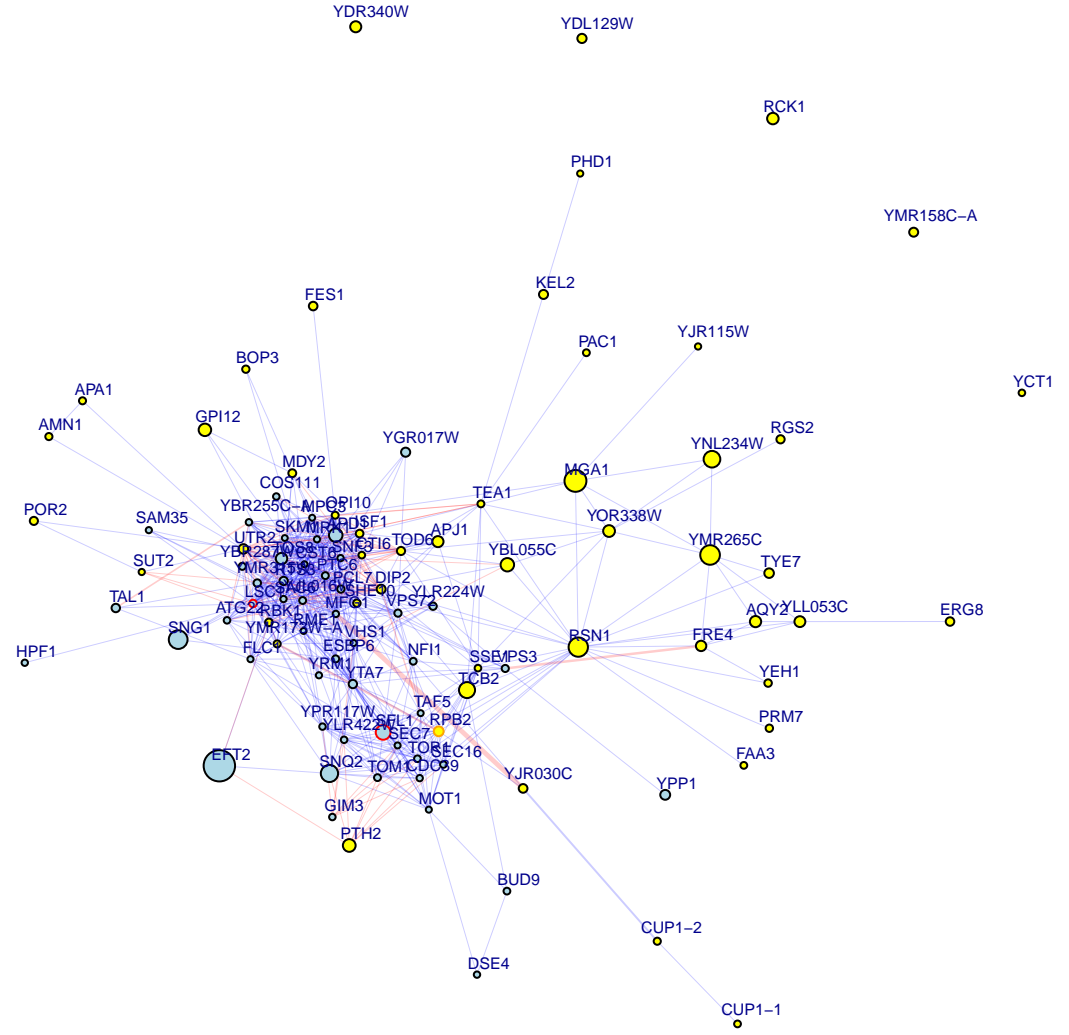
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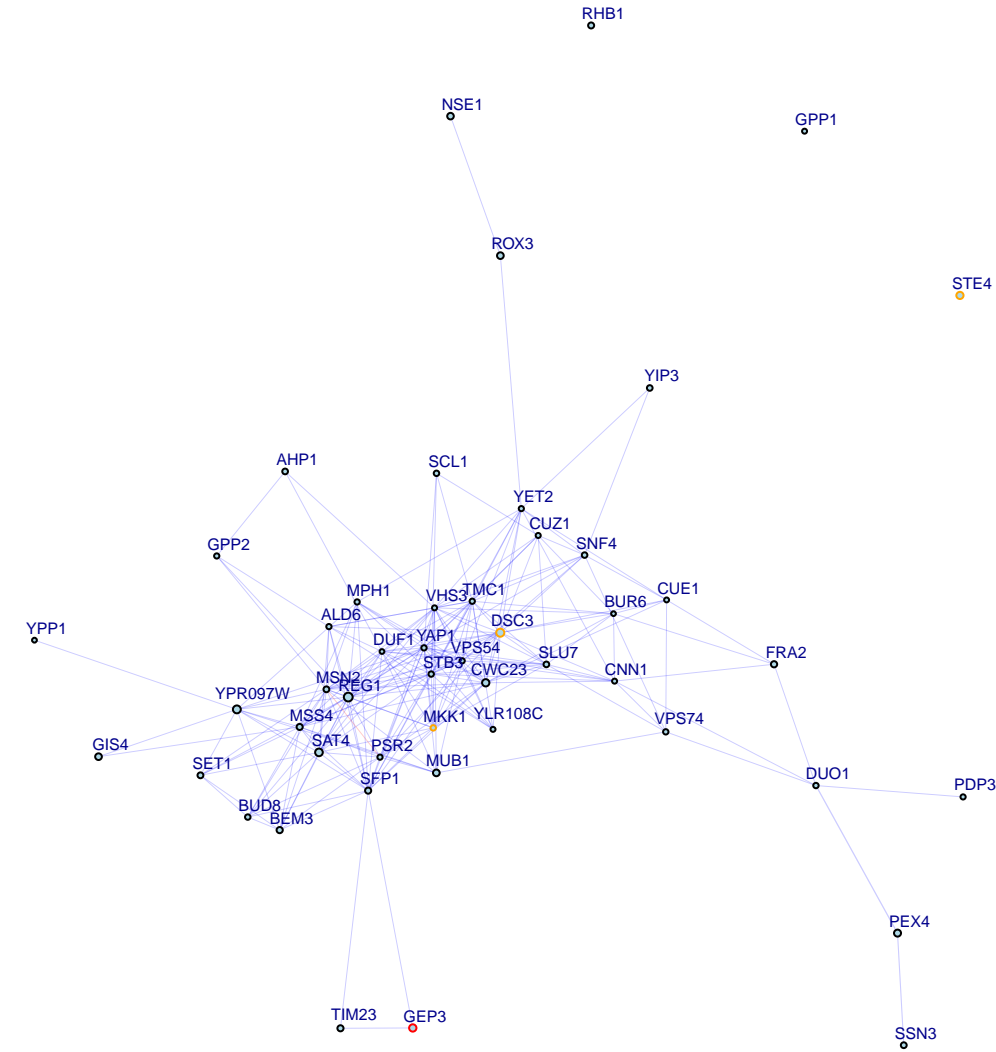
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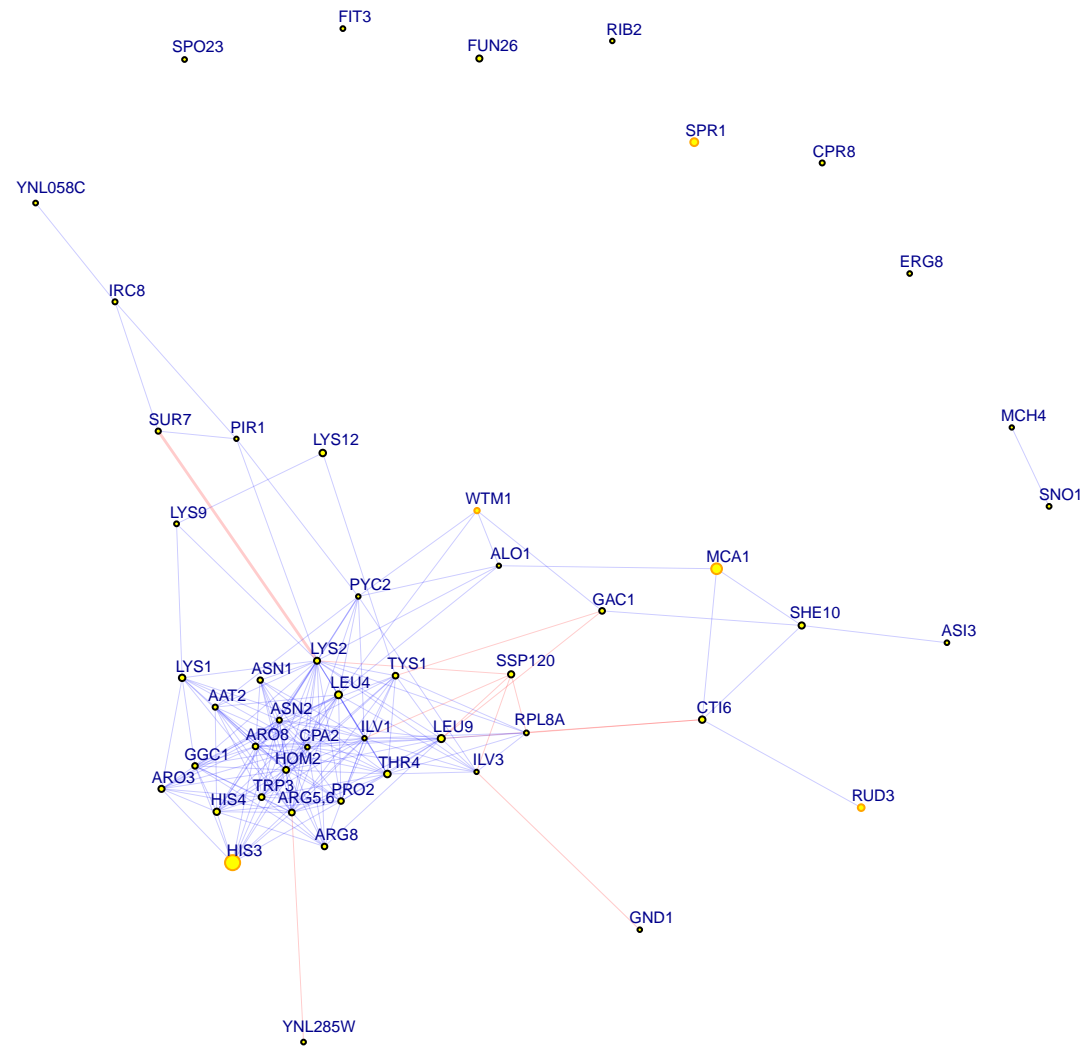
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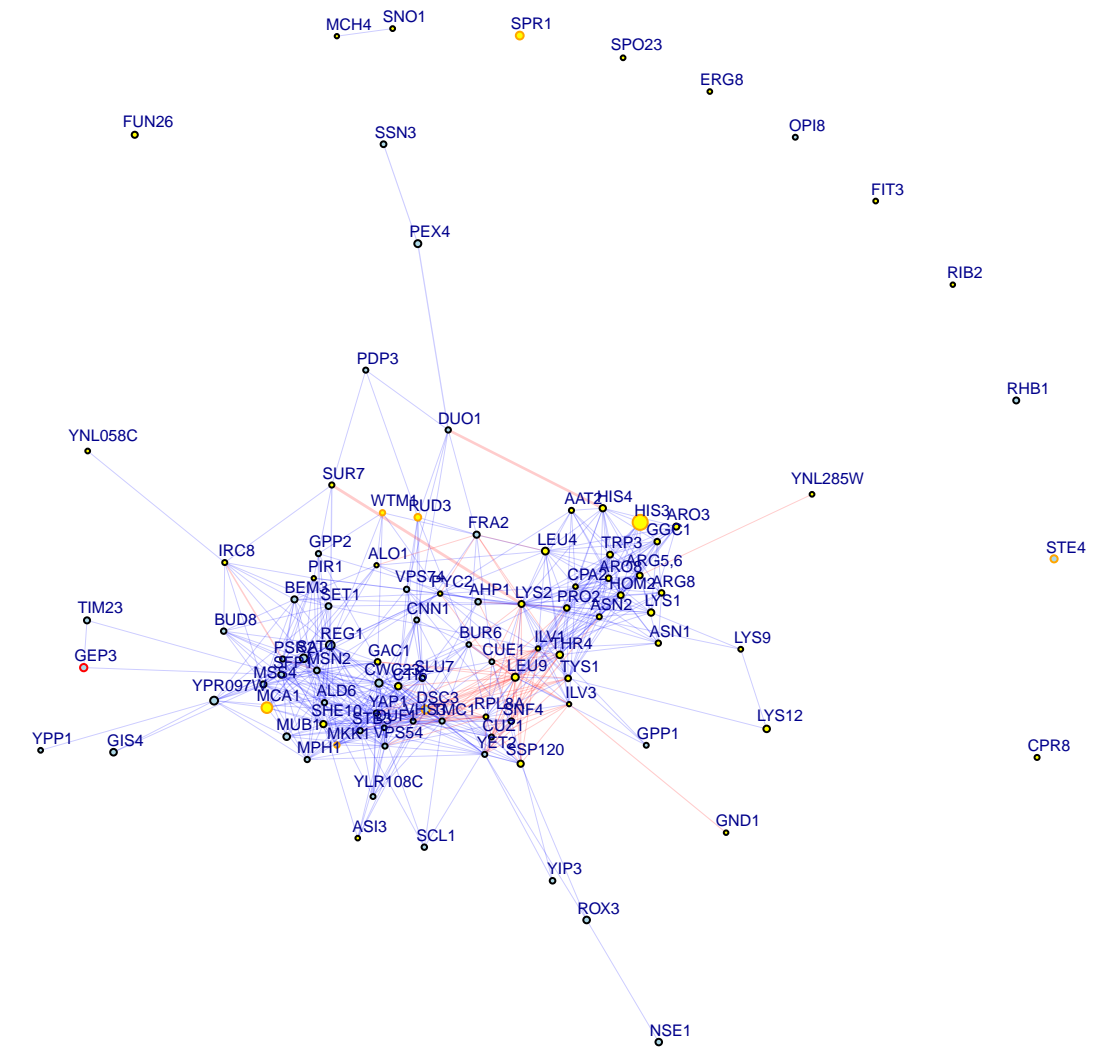
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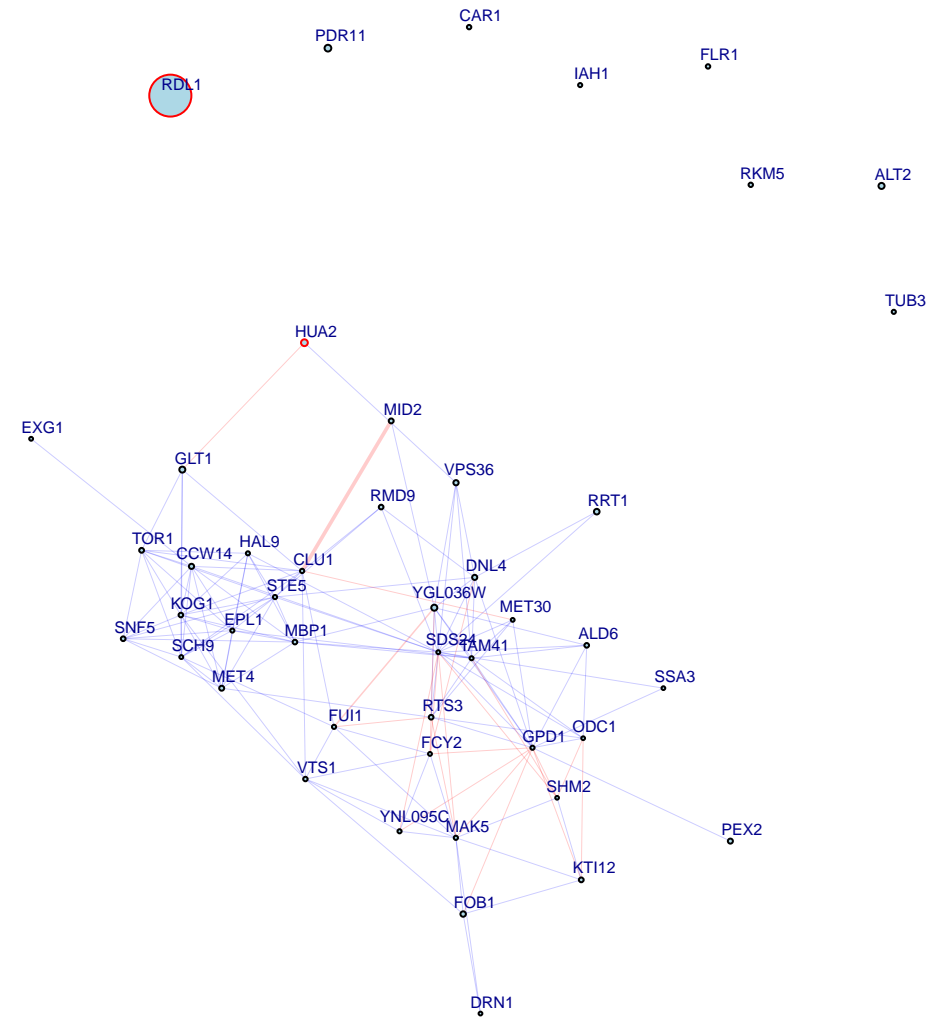
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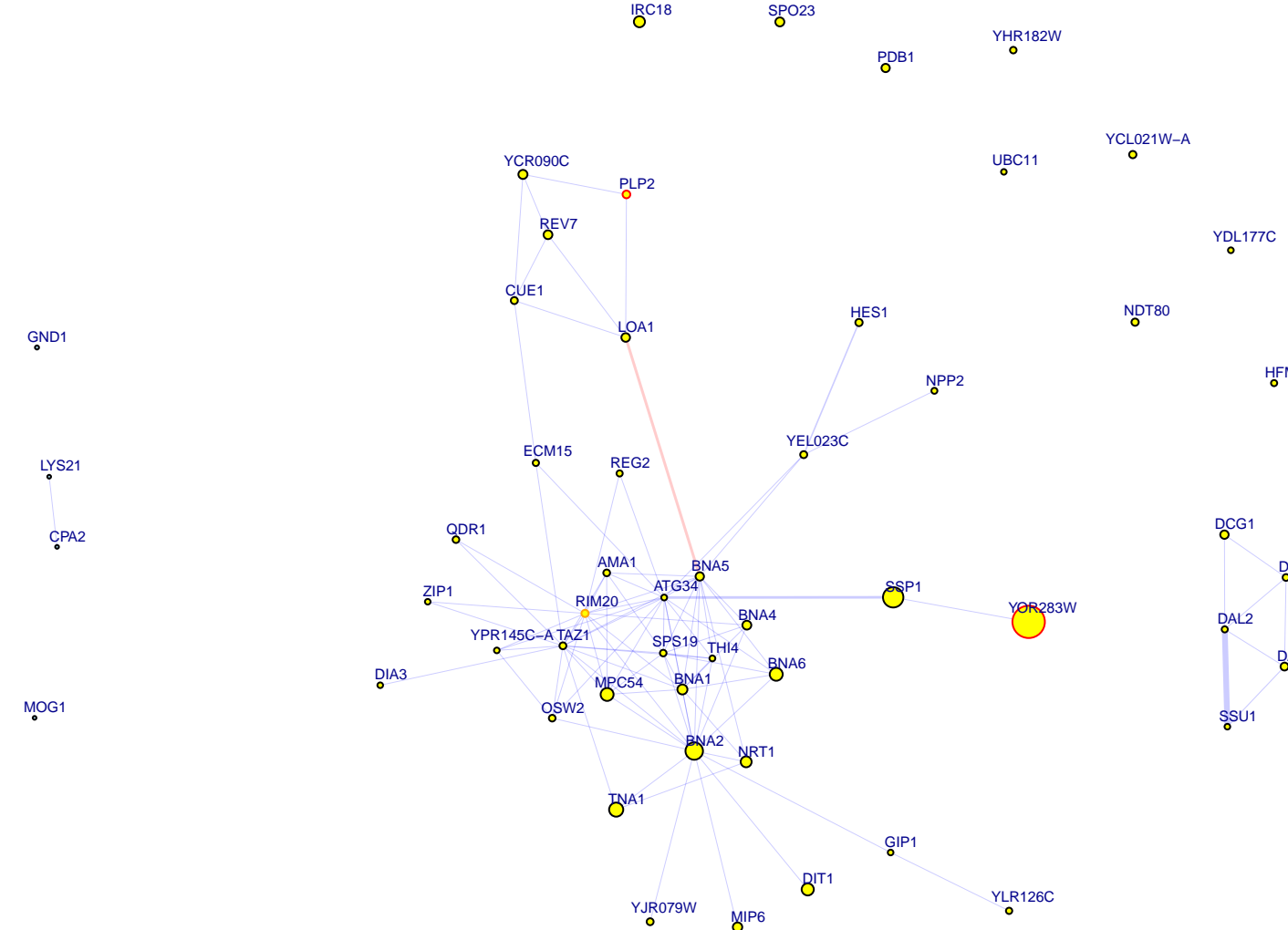
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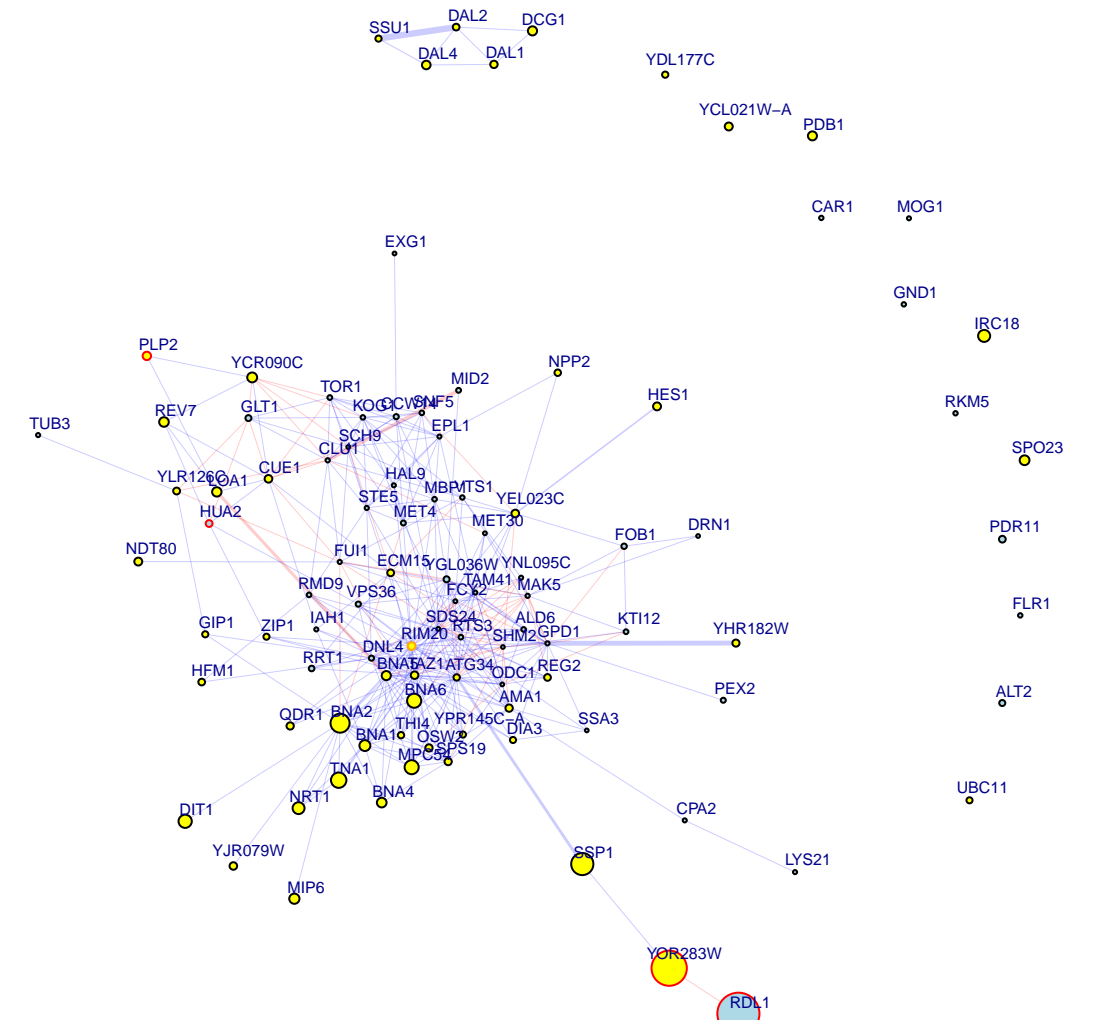
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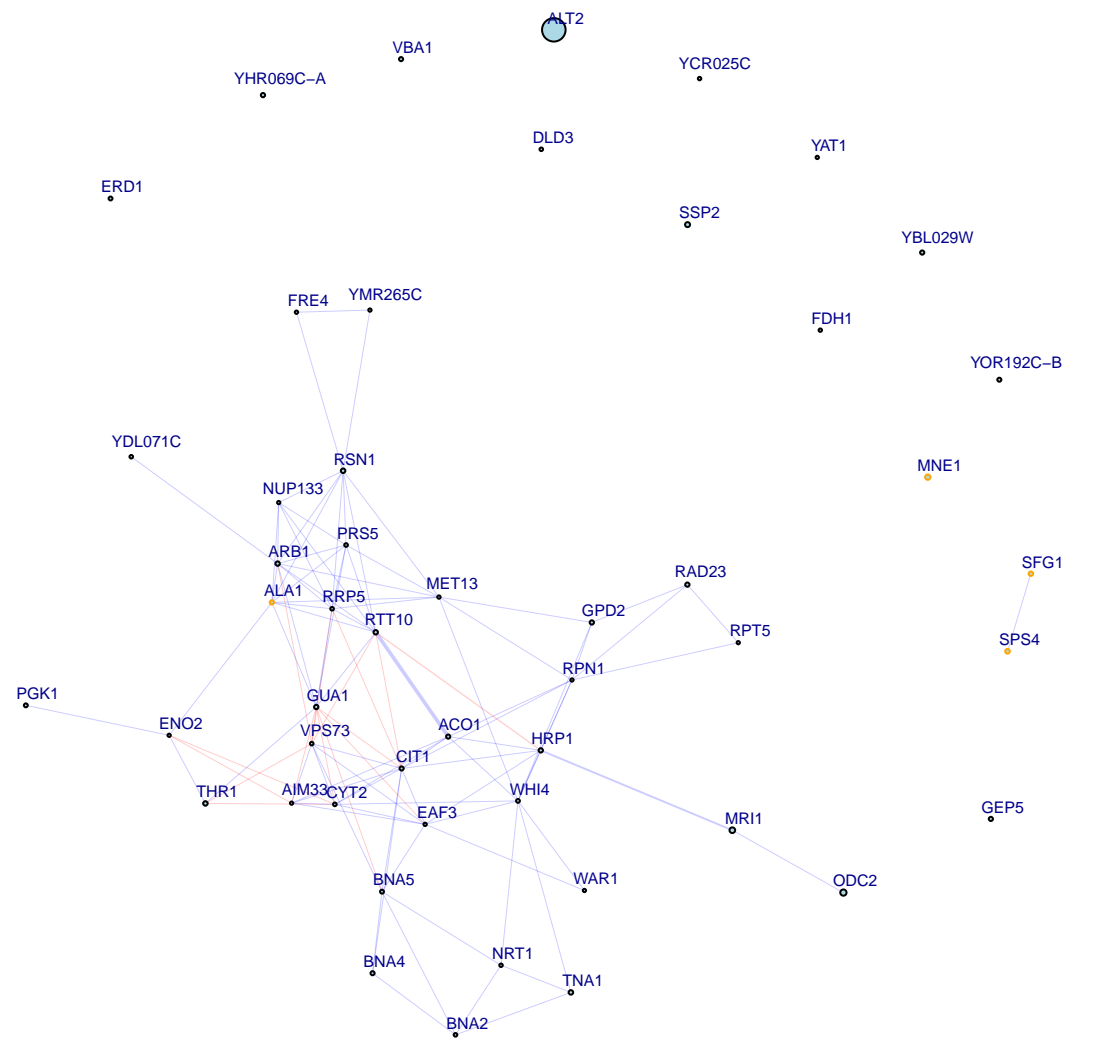
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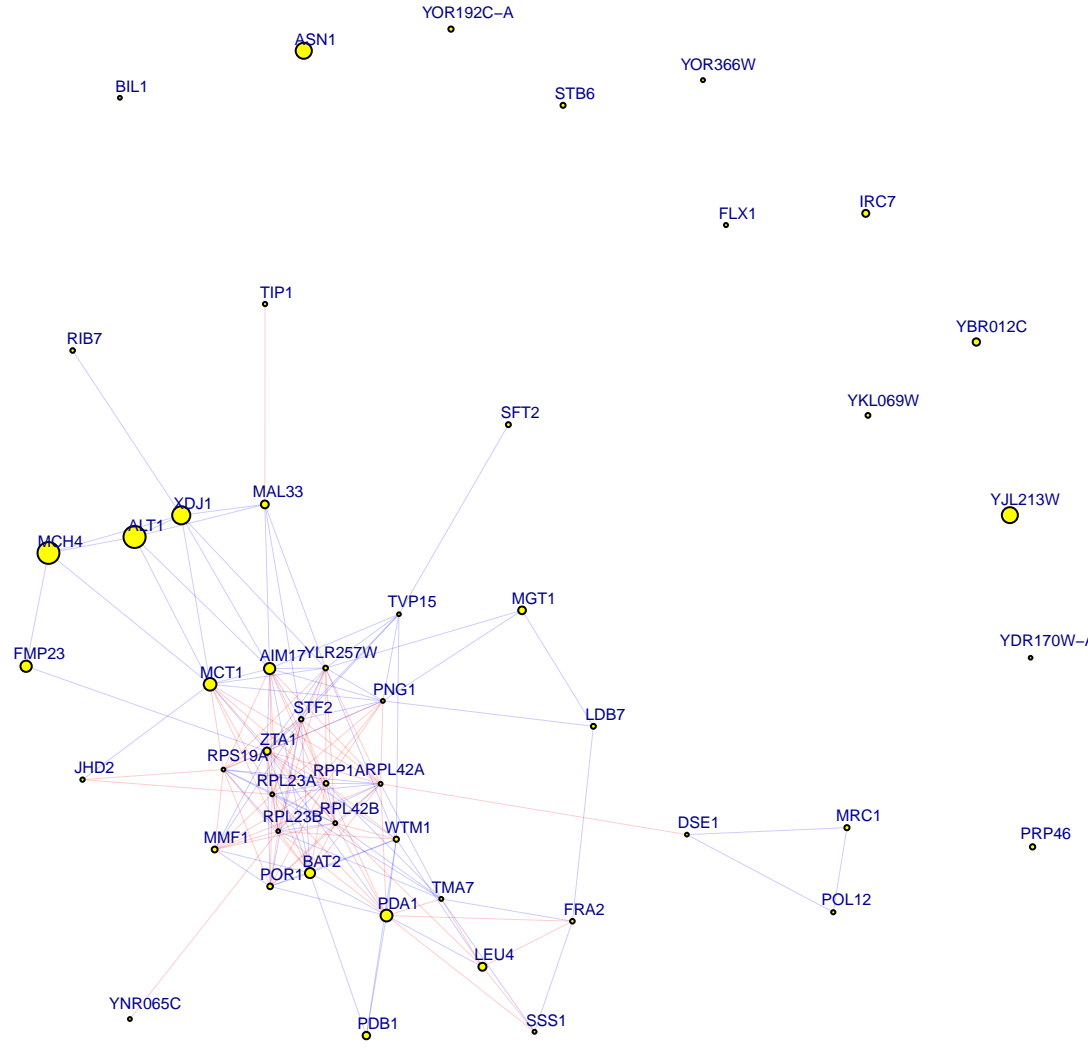
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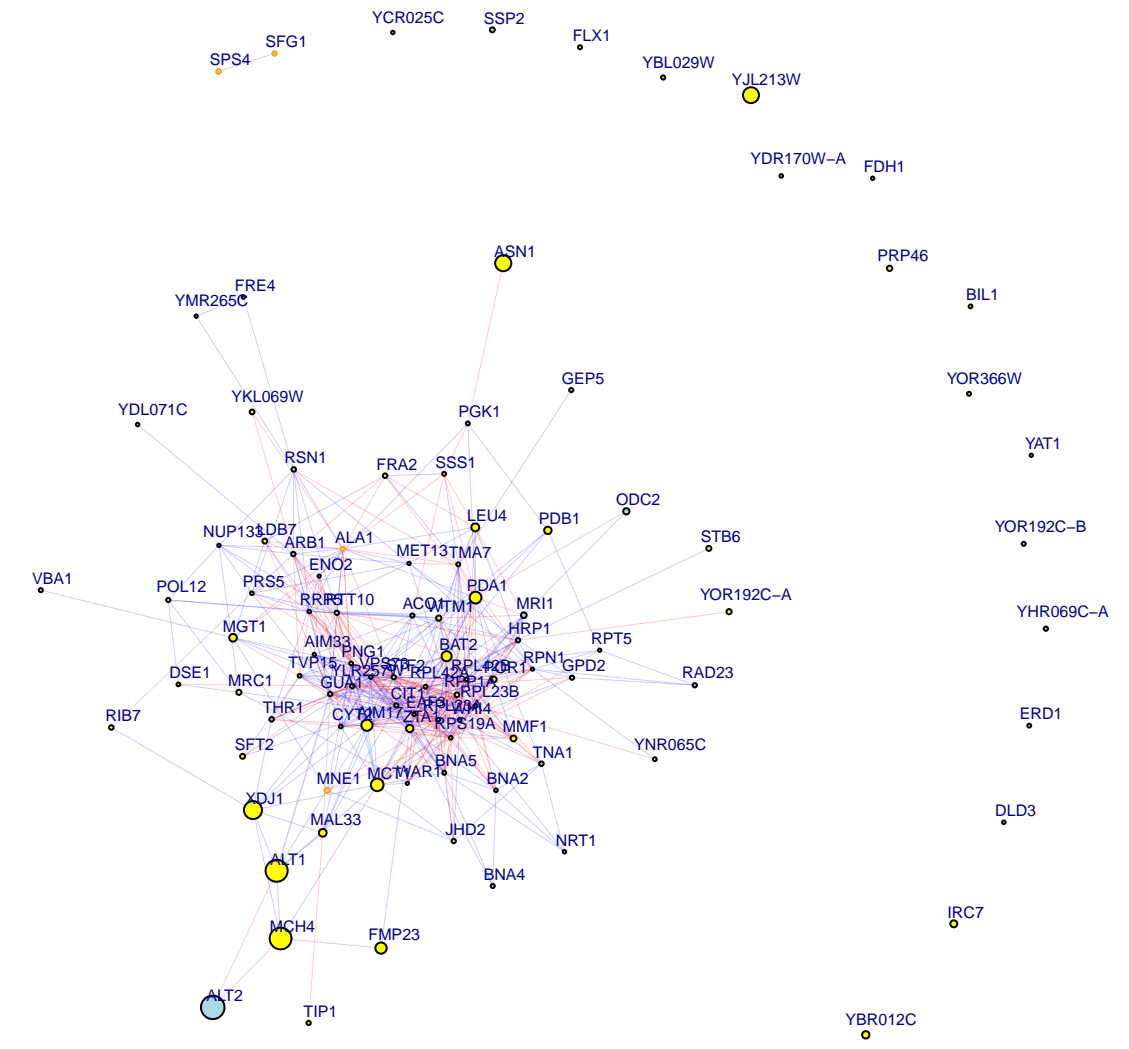
chrXV:958080_T/A top 50 up genes



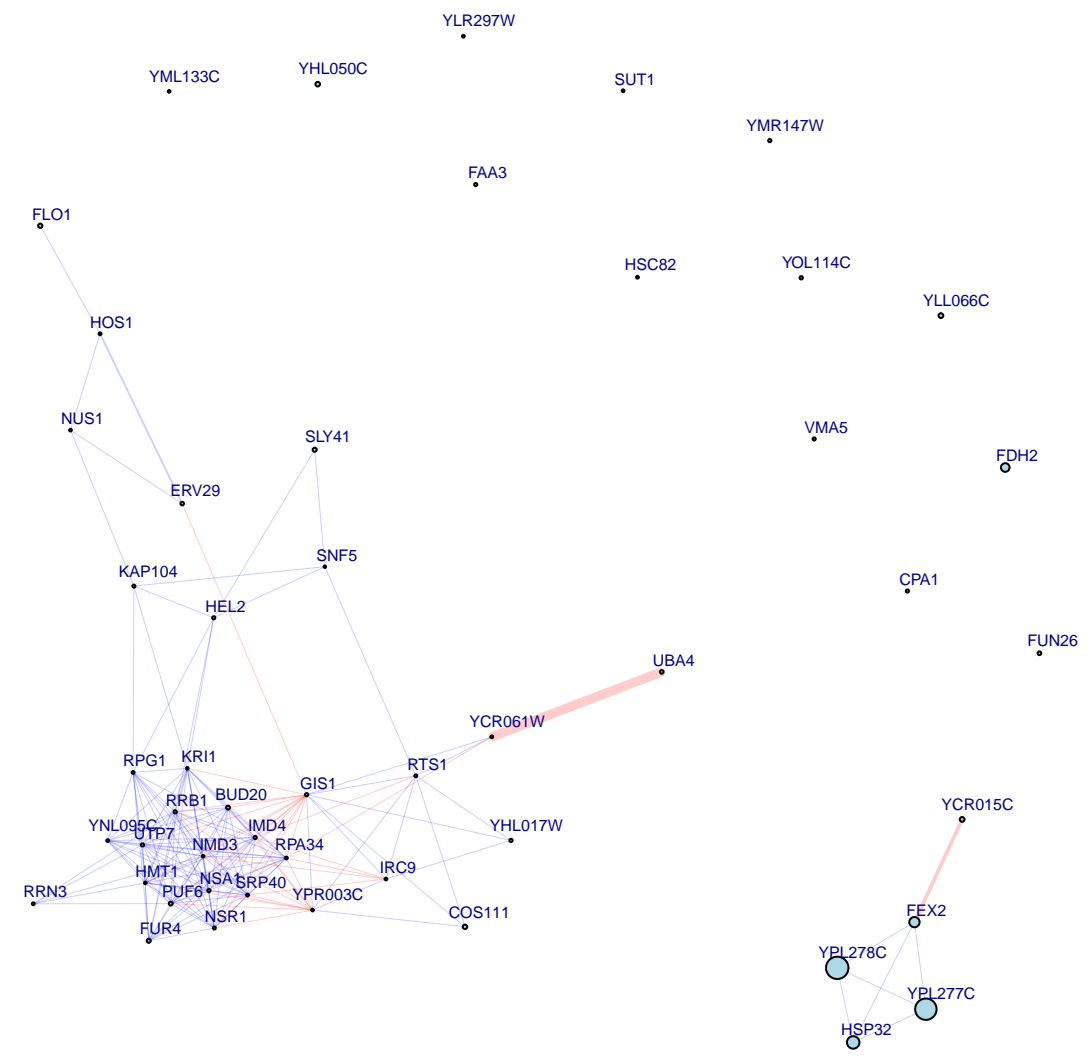
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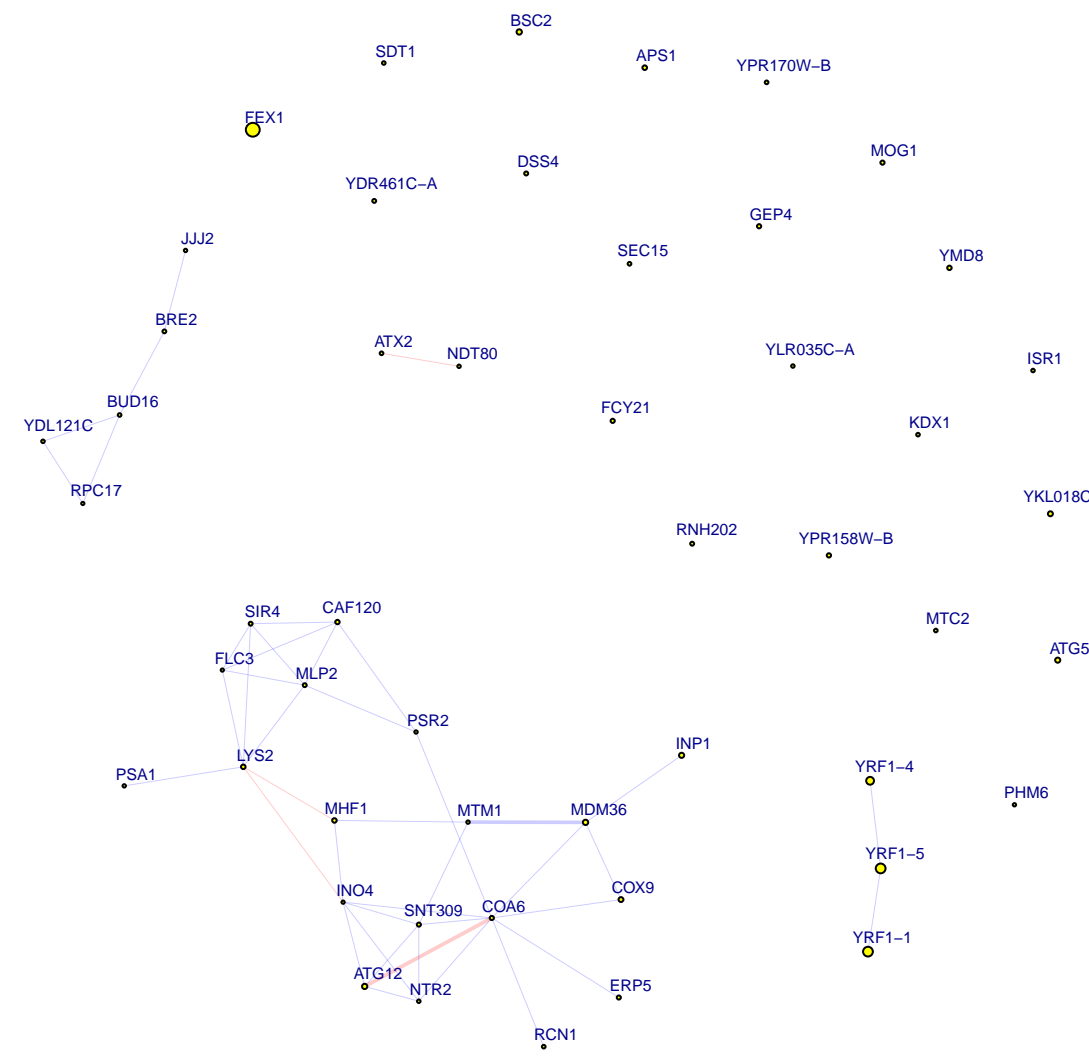
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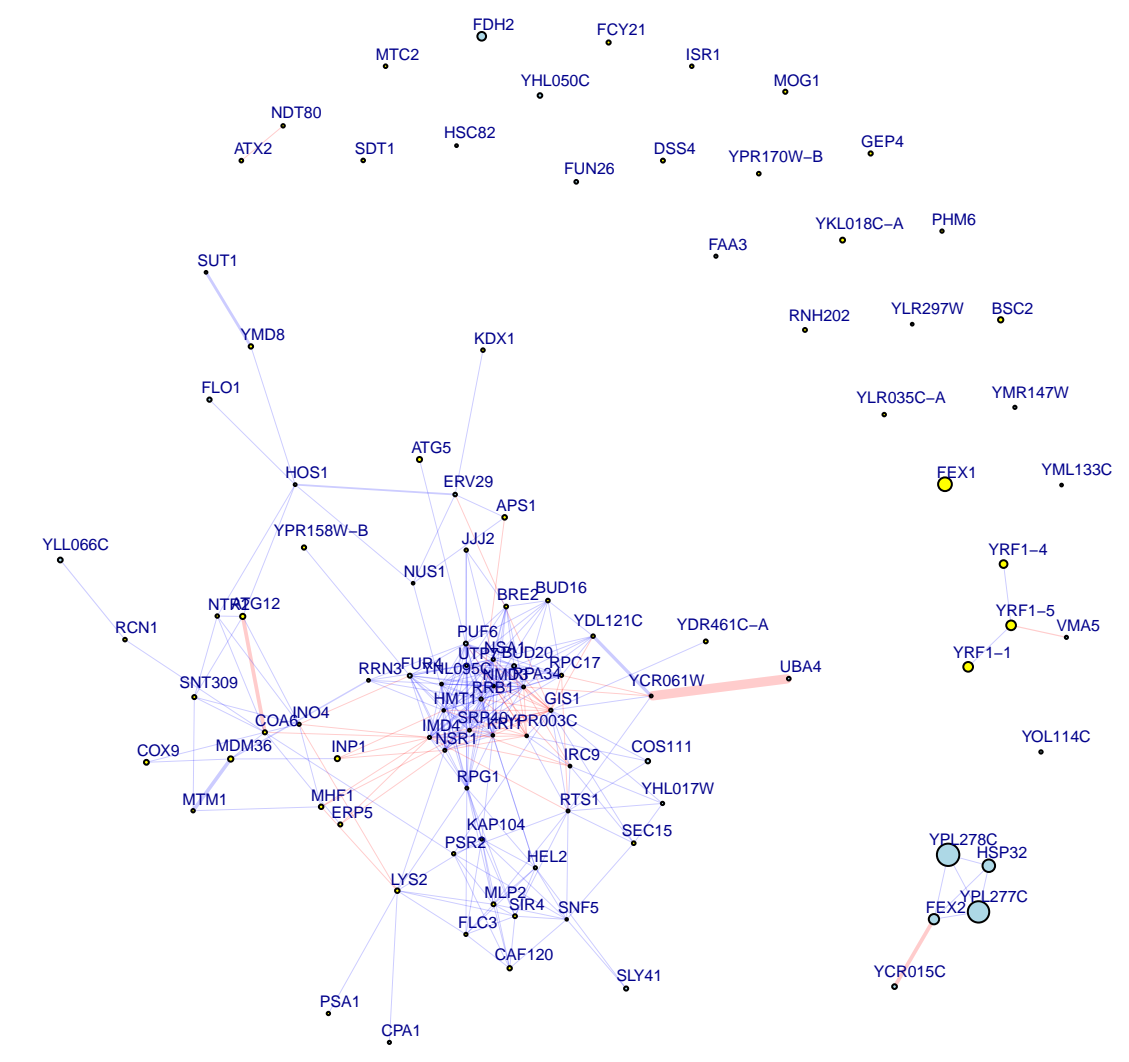
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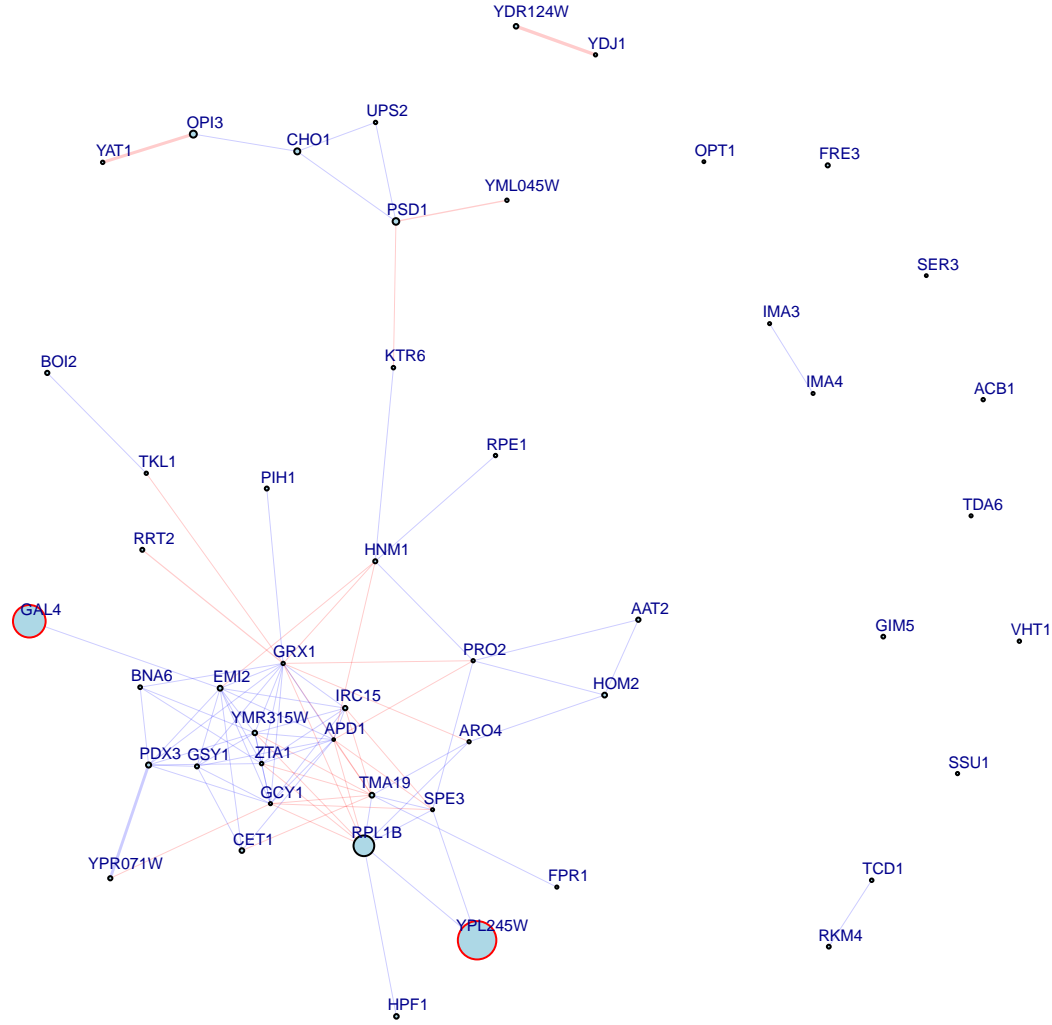
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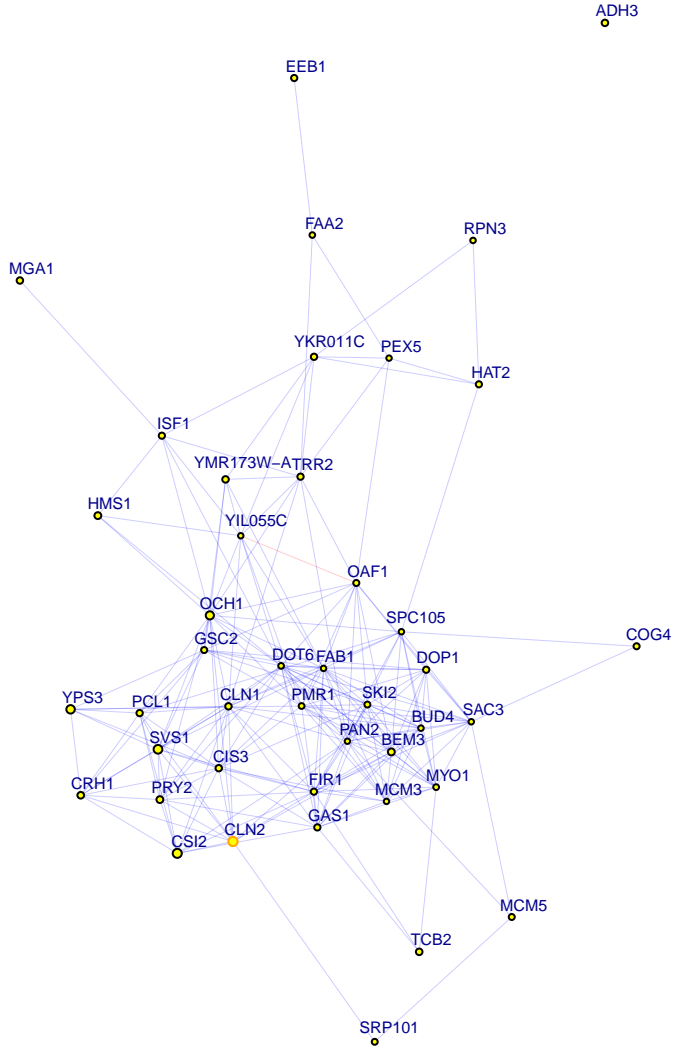
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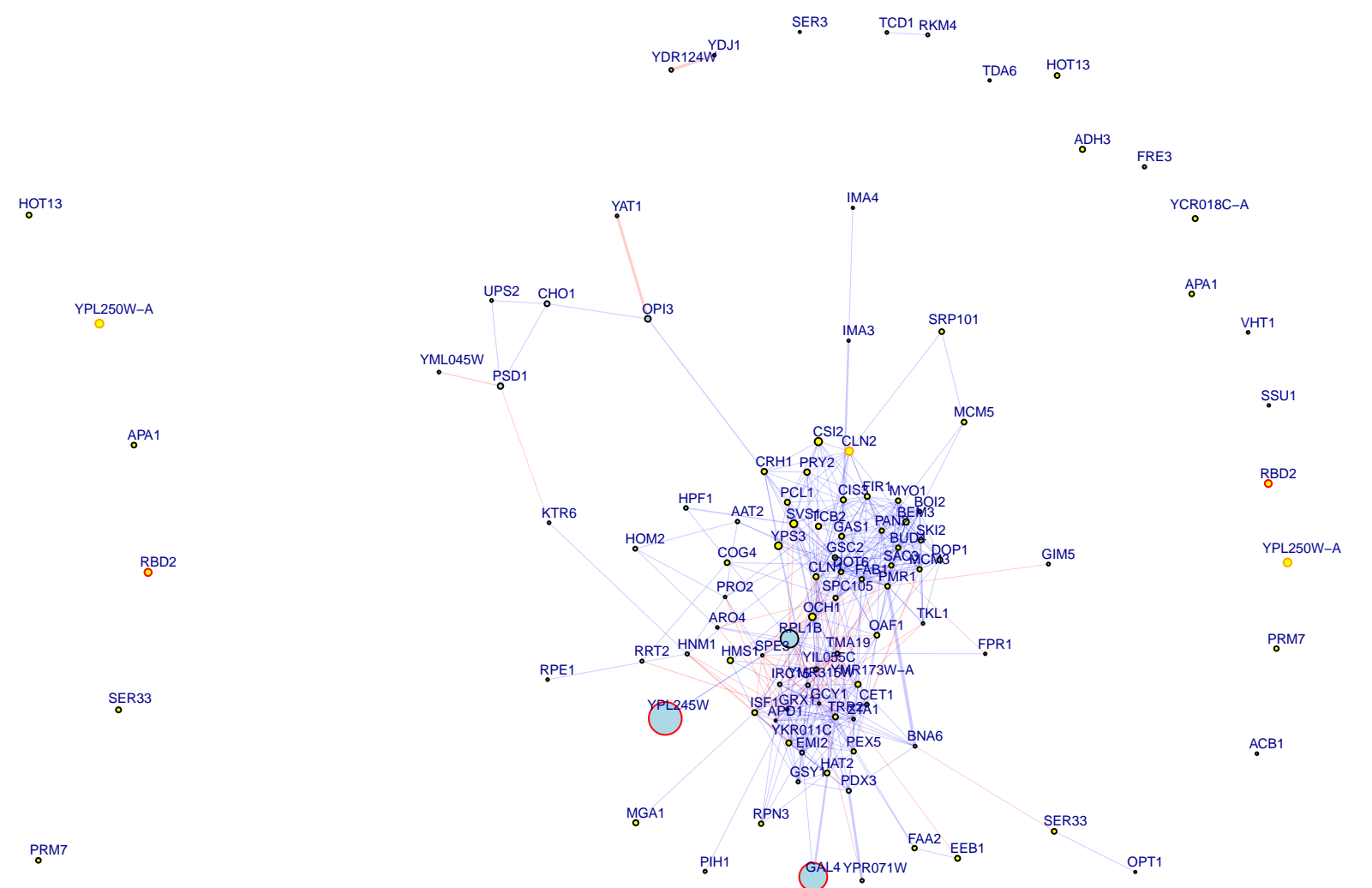
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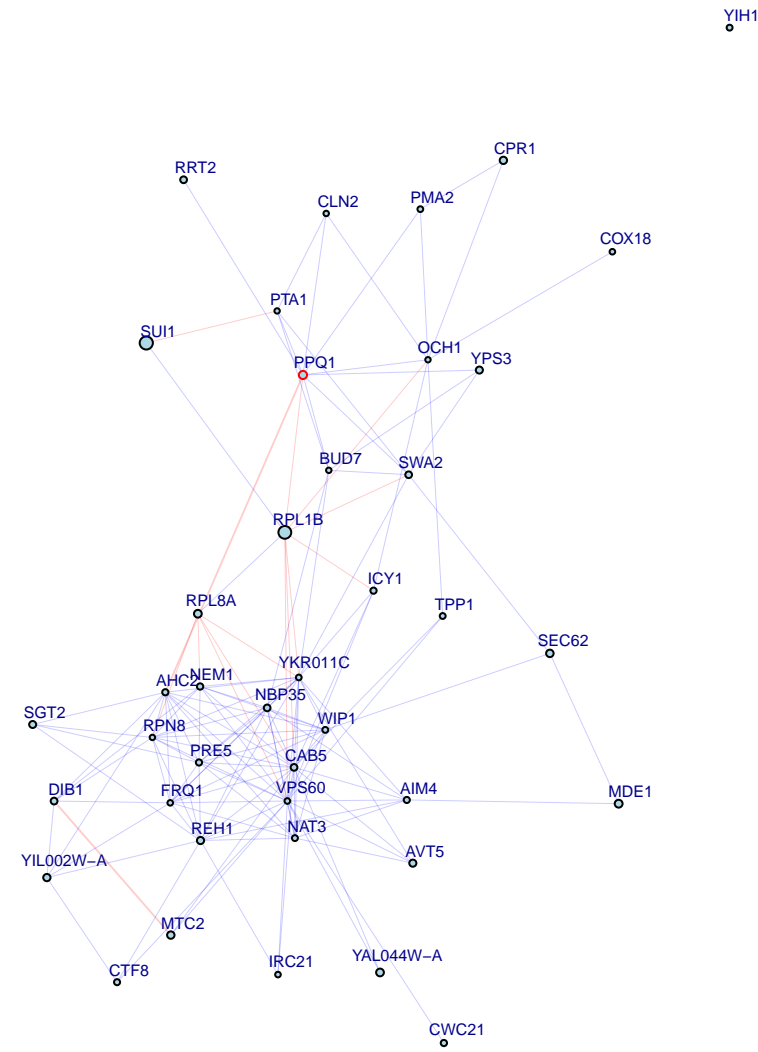
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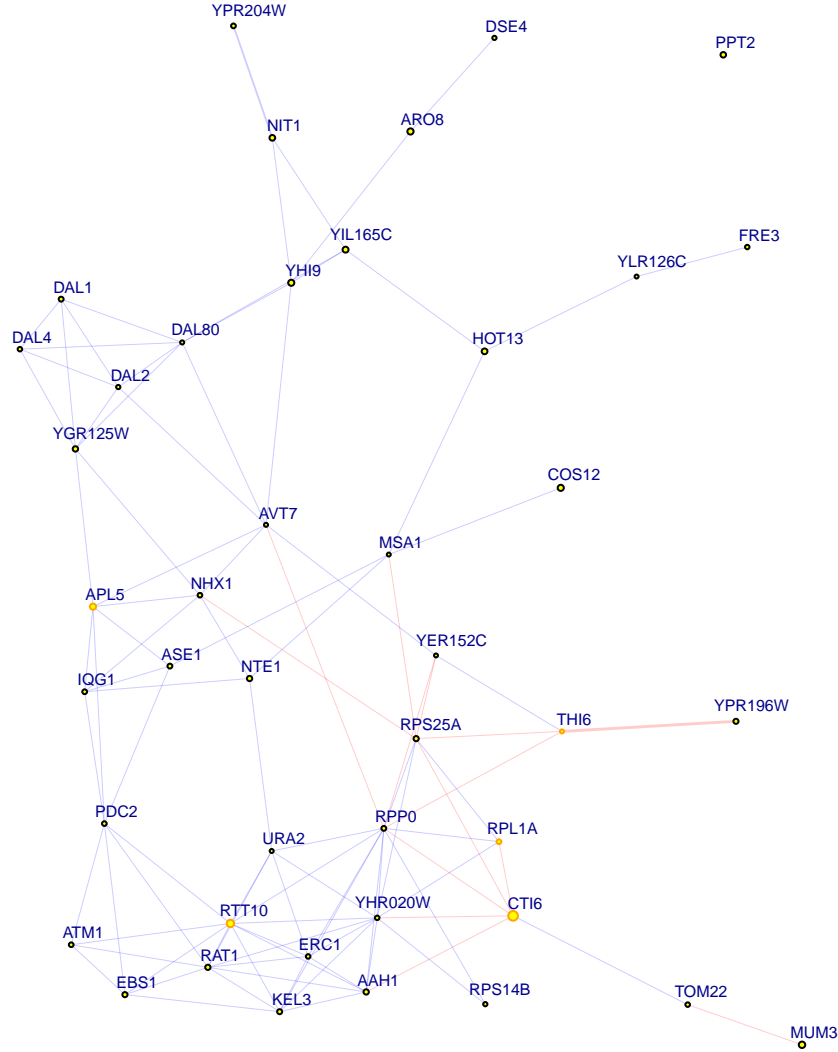
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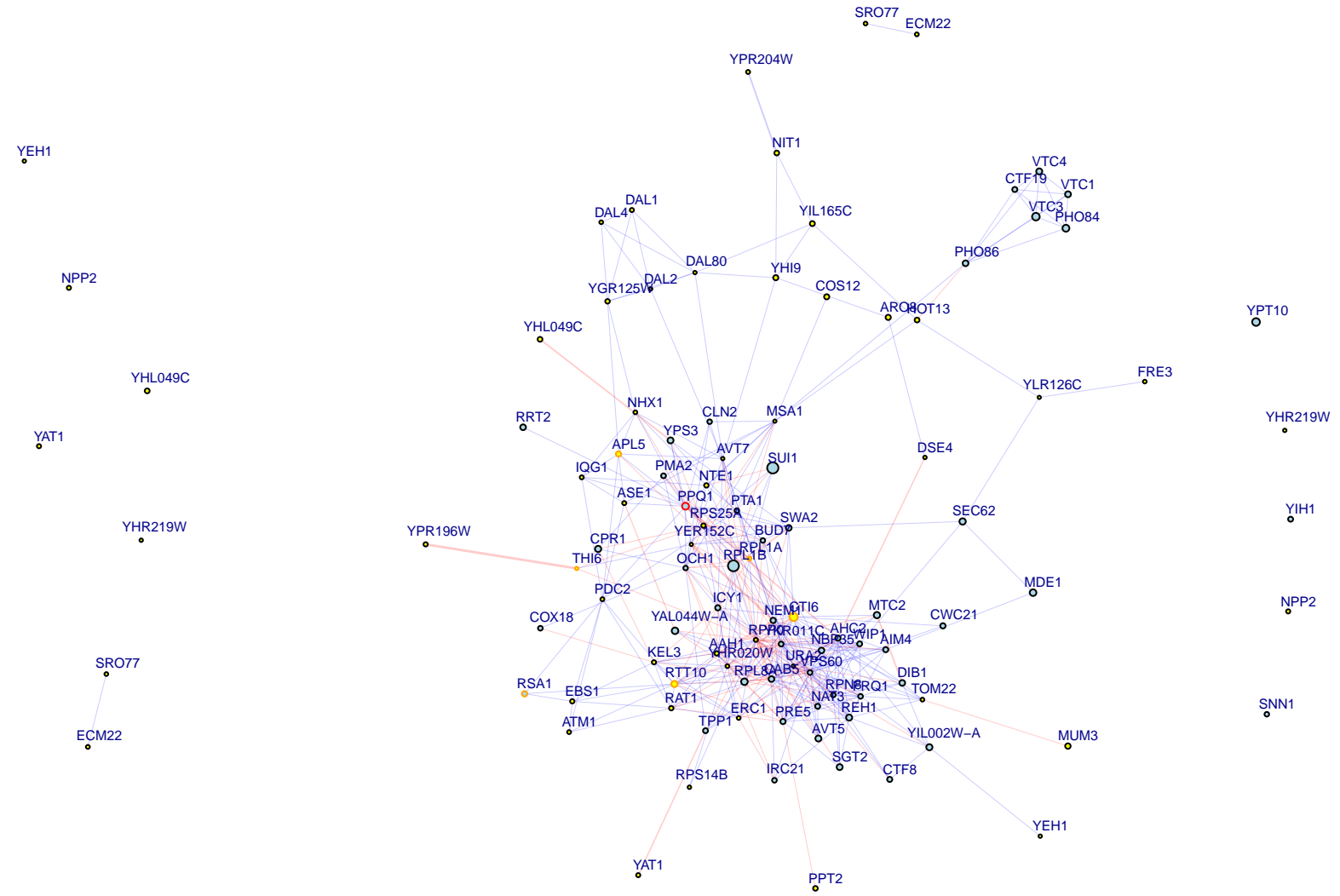
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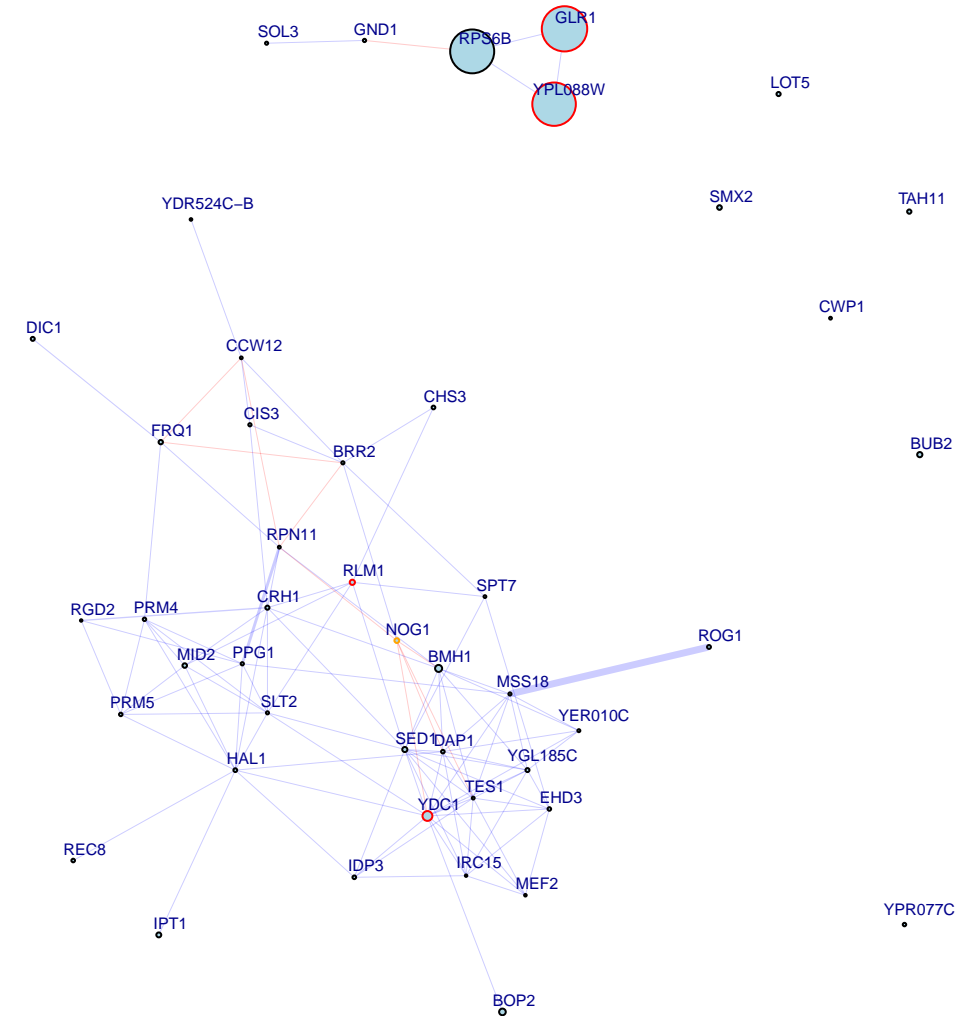
chrXVI:207364_C/T top 50 down genes



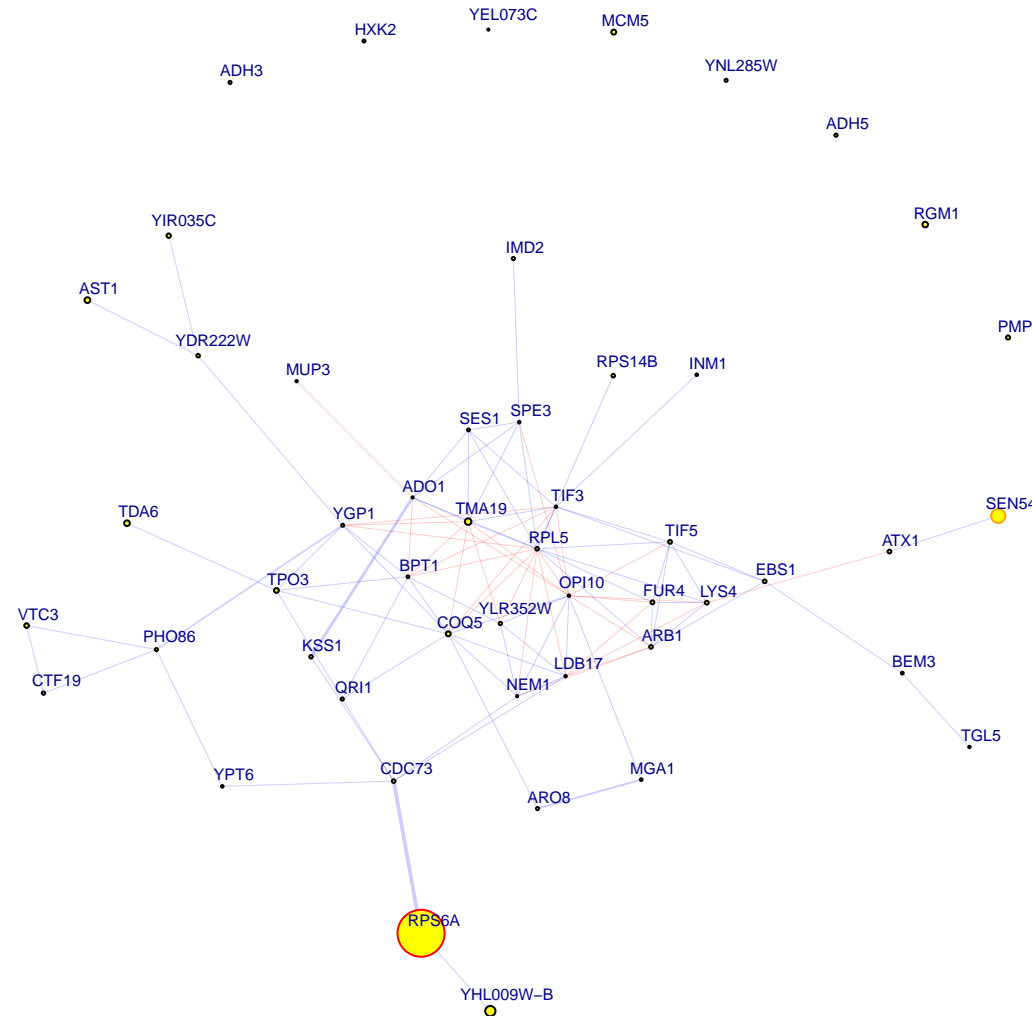
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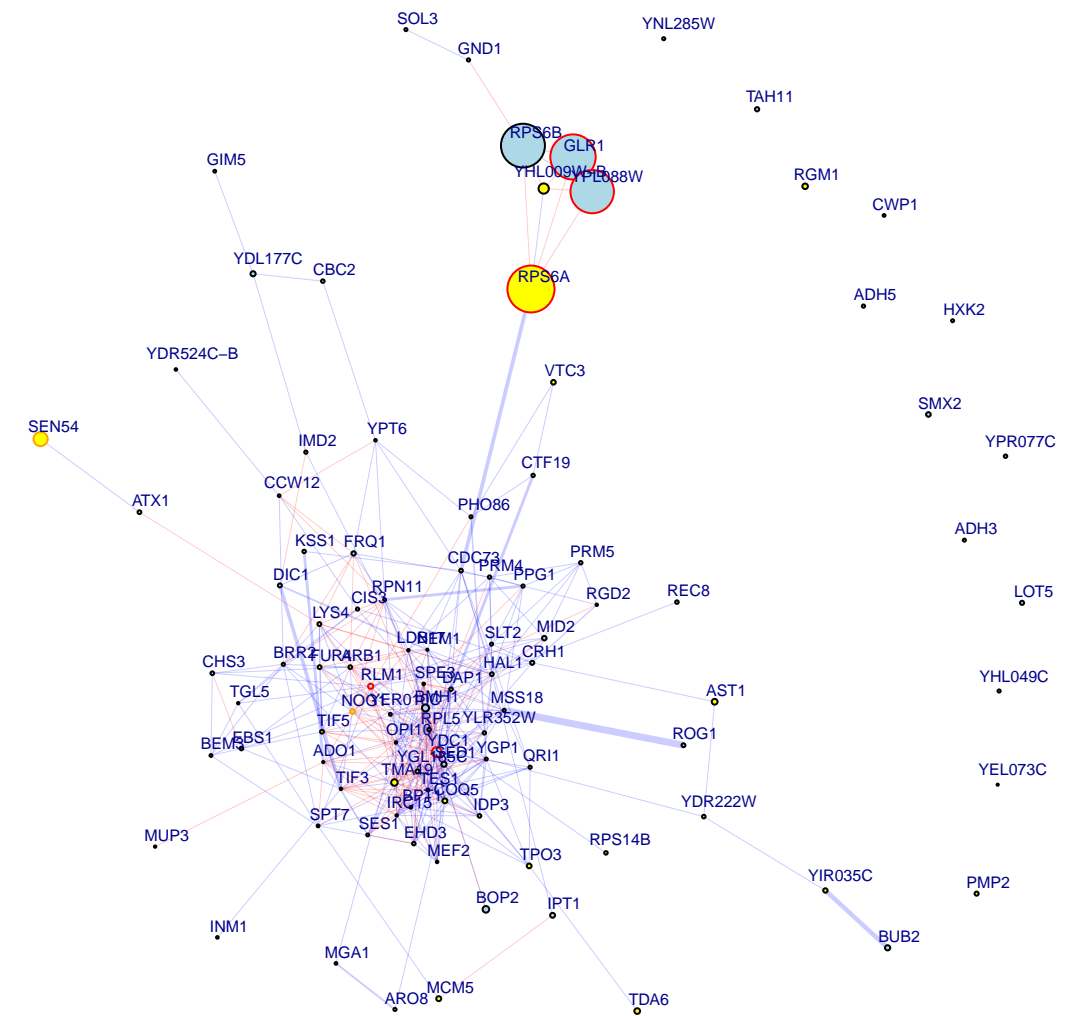
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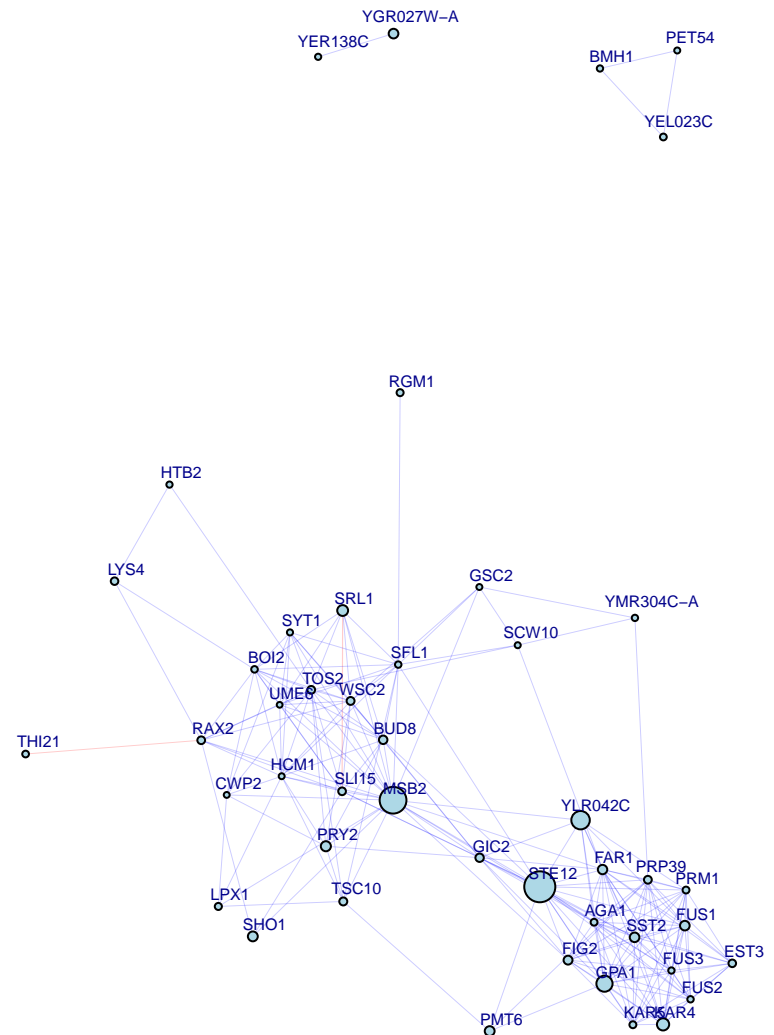
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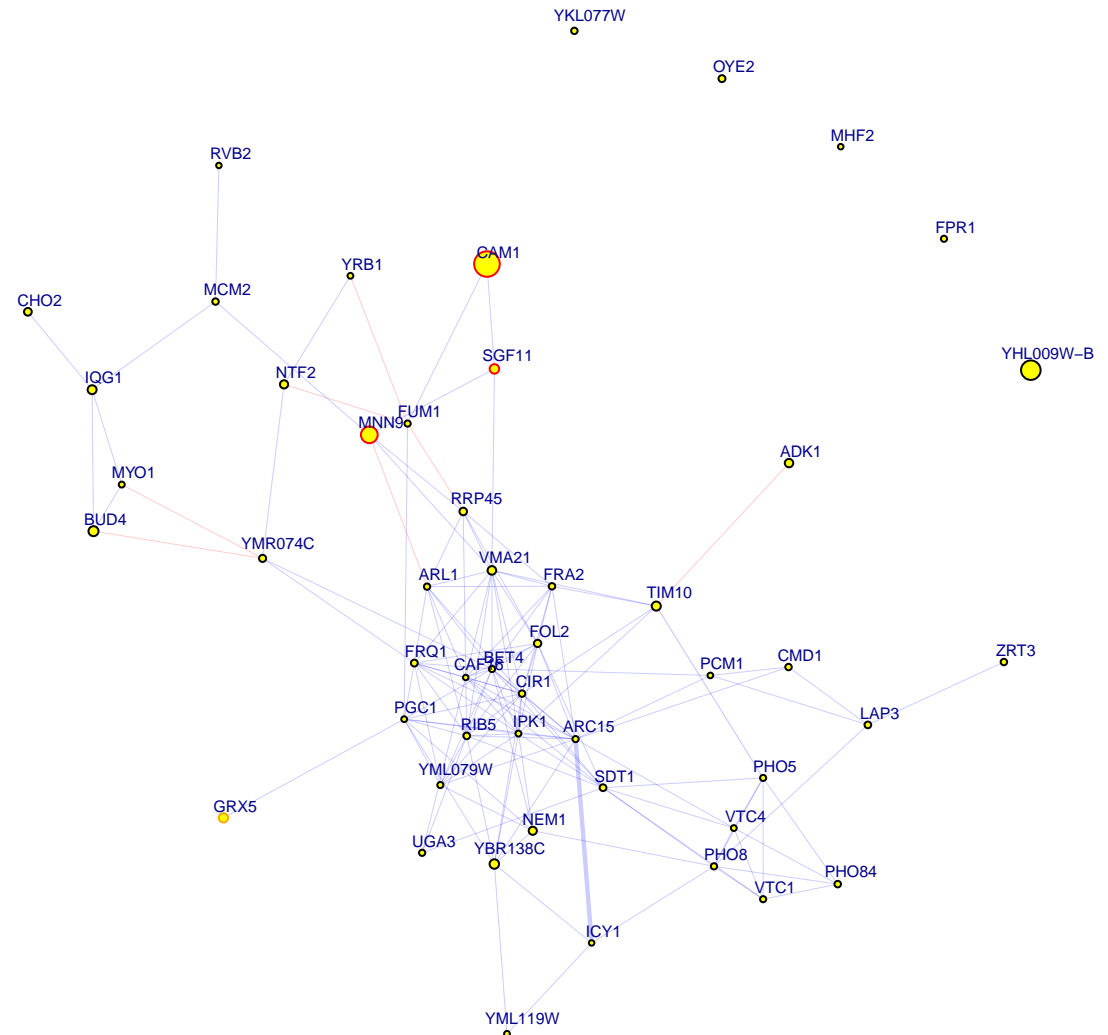
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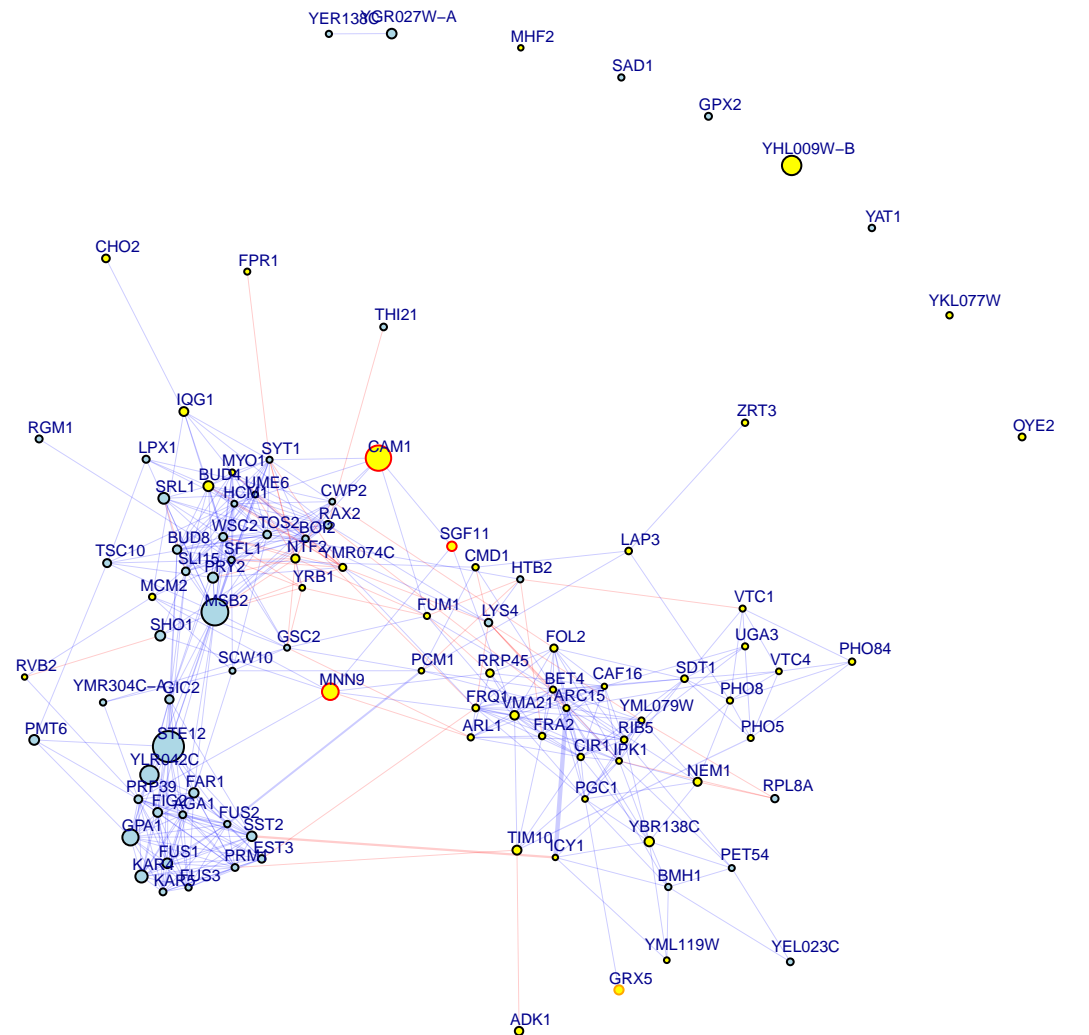
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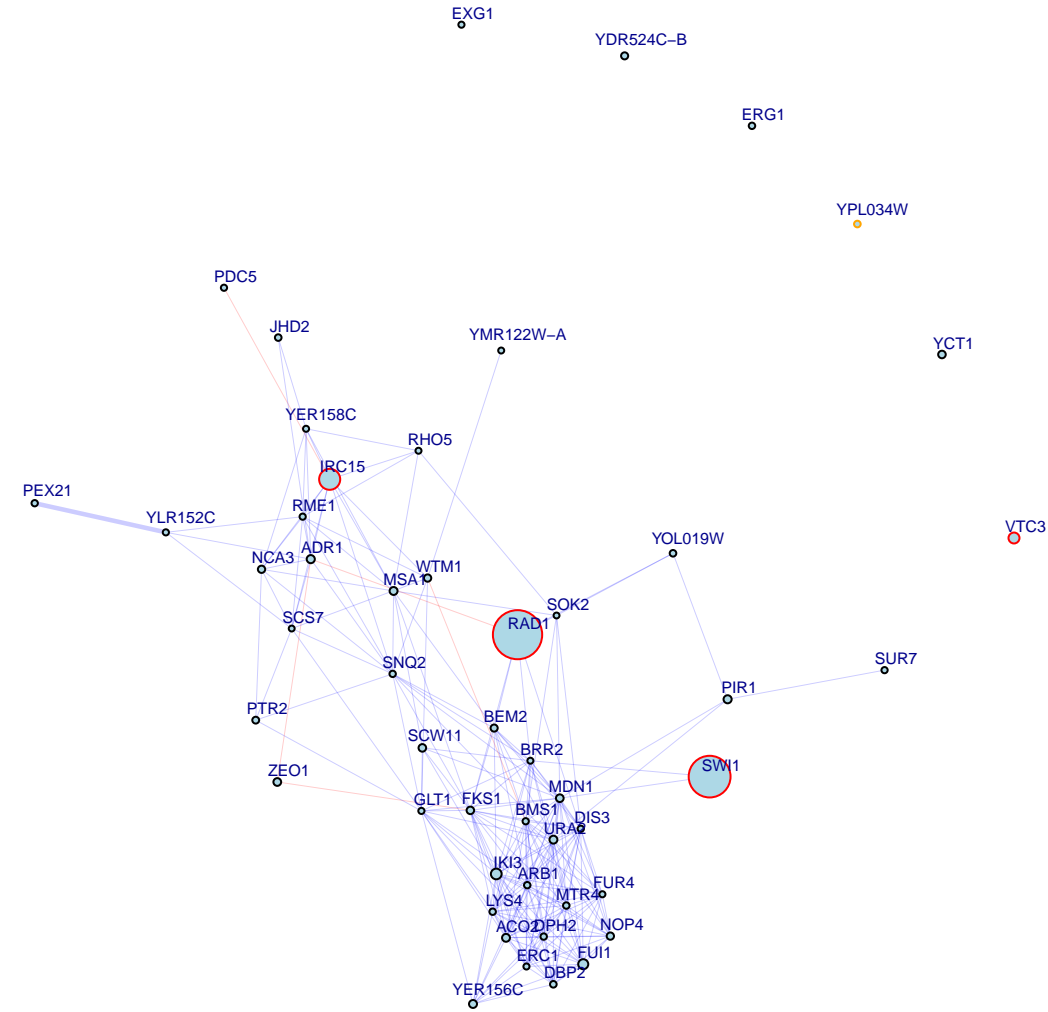
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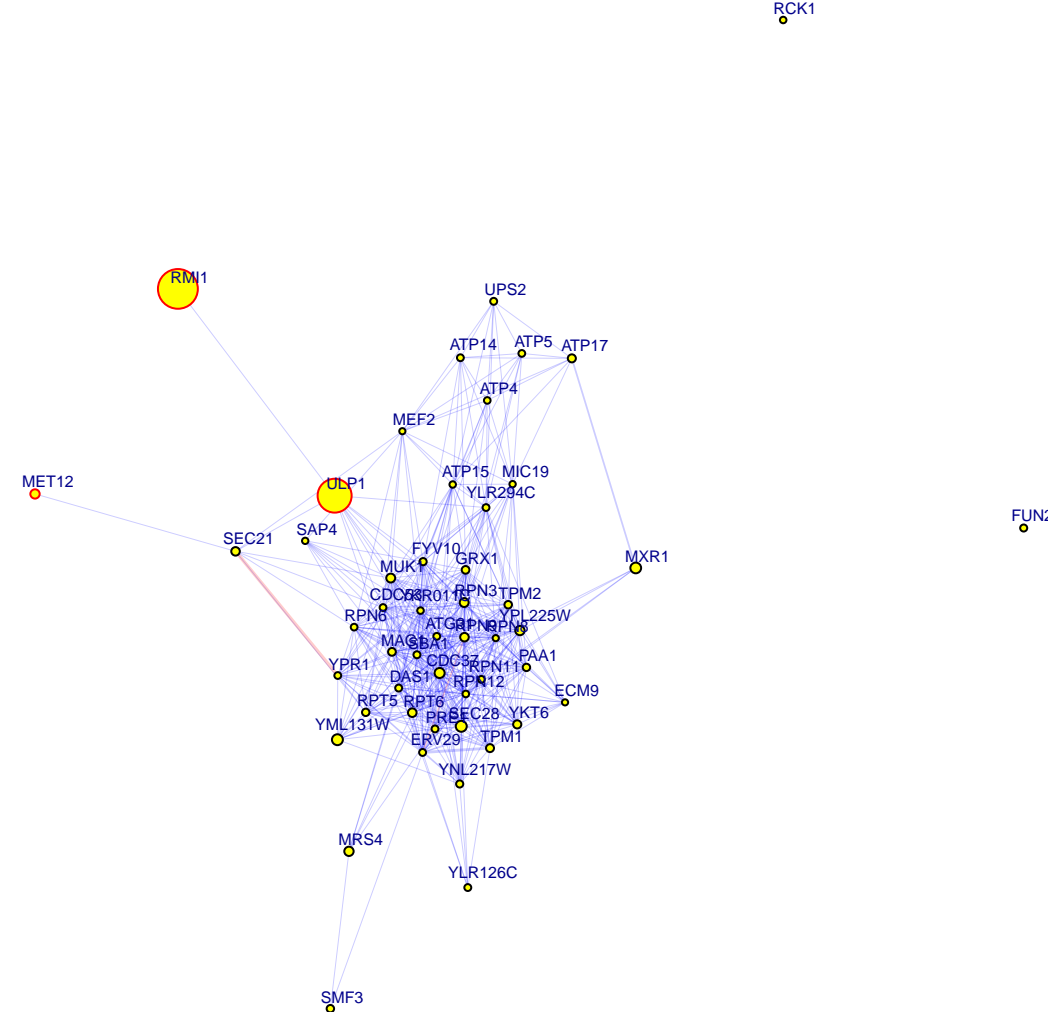
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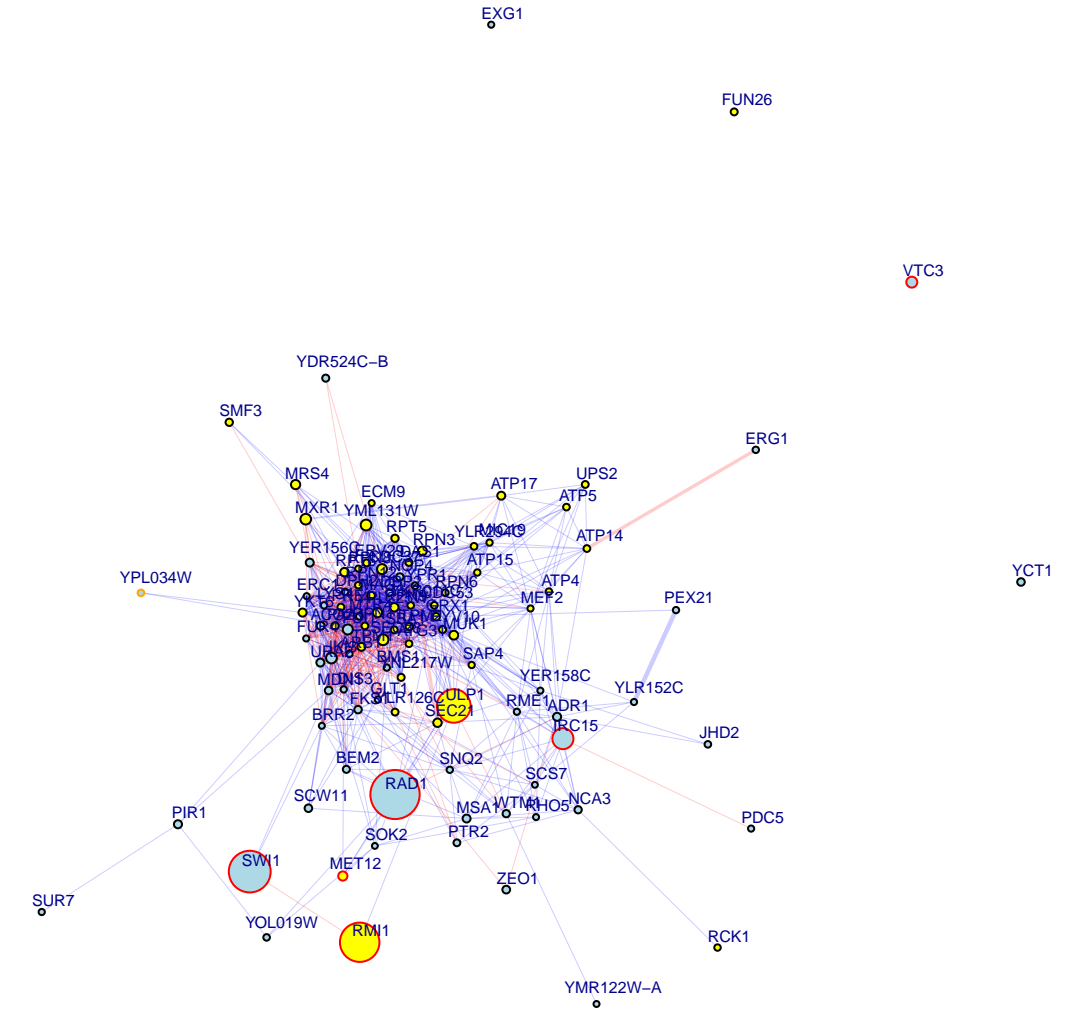
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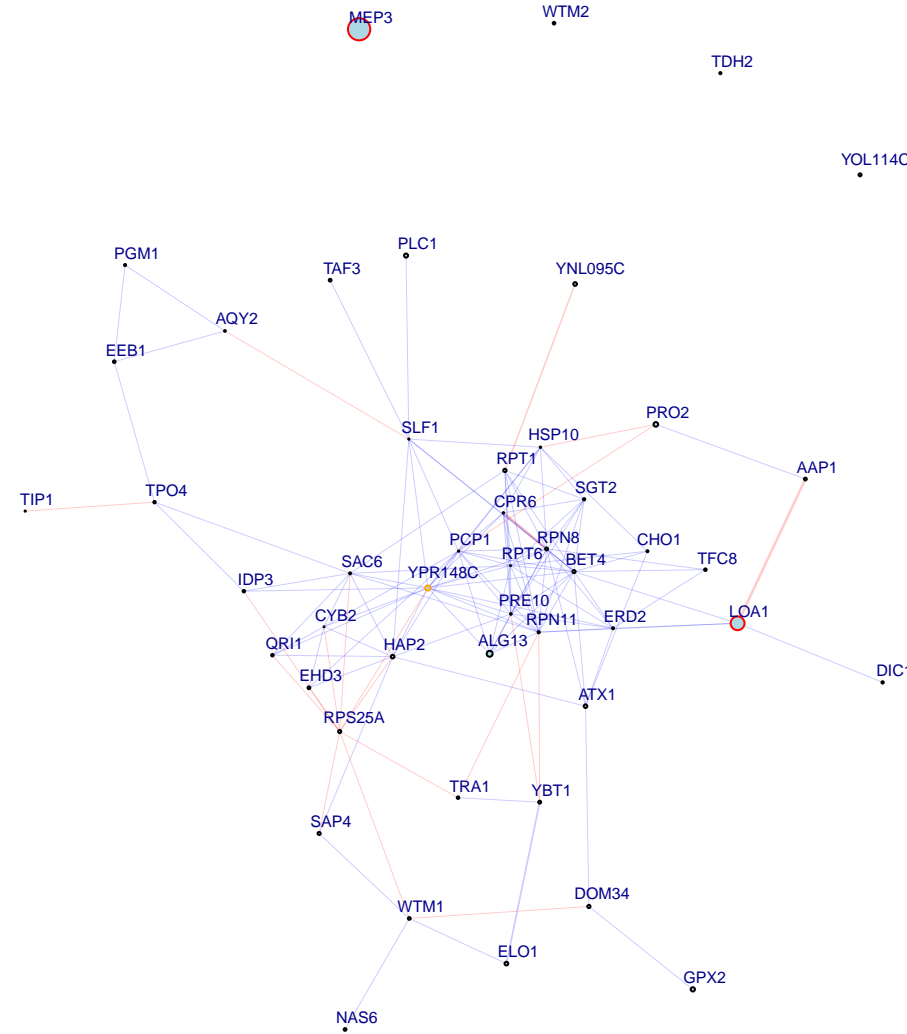
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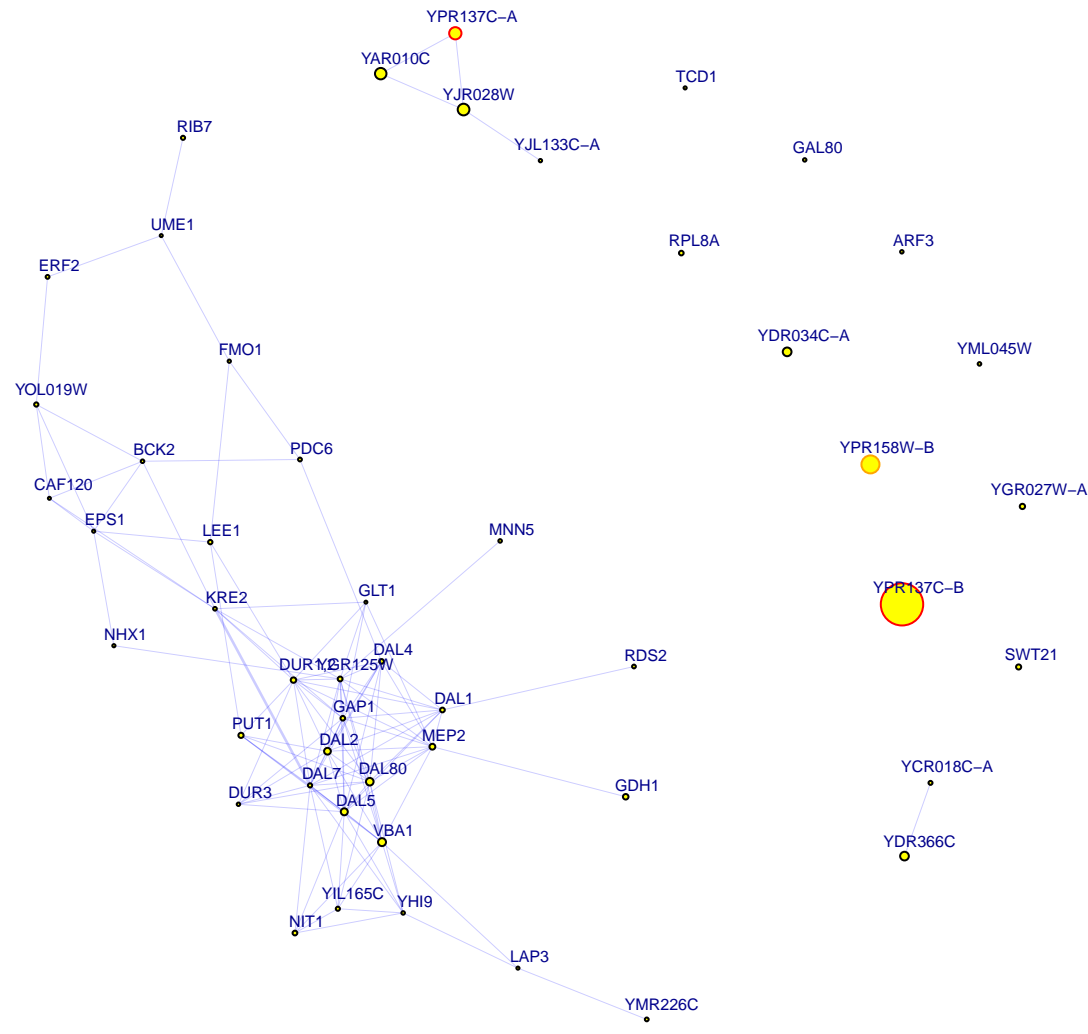
chrXVI:508199_C/T top 100 up and down genes



chrXVI:812990_T/C top 50 up genes



chrXVI:812990_T/C top 50 down genes



chrXVI:812990_T/C top 100 up and down genes

