**S2 Table. MCF10 Network Disconnections**. A comparison between groups are display in each column (H vs BC, H vs BBP and BBP vs BC). The number of missed links in each node are ordered by their magnitude from the highest to the lowest. Also it is possible to visualize the links missed in each node.

|  |  |  |
| --- | --- | --- |
| **H vs BC** | **H vs BBP** | **BBP vs BC** |
| **Node** | **Number of disconnections** | **Disconnected nodes** | **Node** | **Number of disconnections** | **Disconnected nodes** | **Node** | **Number of disconnections** | **Disconnected nodes** |
| **95** | 8 | 7,8,14,23,48,59,76,91 | **95** | 8 | 7,8,14,23,48,59,78,91 | **92** | 8 | 37,58,59,64,77,85,86,91 |
| **108** | 7 | 14,27,29,56,72,73,91 | **108** | 7 | 14,27,29,56,72,73,92 | **88** | 7 | 5,6,25,37,55,59,85 |
| **111** | 7 | 11,22,56,58,73,86,108 | **111** | 7 | 11,22,56,58,73,86,108 | **56** | 6 | 36,39,40,41,49,53 |
| **86** | 6 | 22,27,29,47,58,70 | **107** | 6 | 8,34,43,81,89,95 | **77** | 6 | 3,26,33,43,67,72 |
| **107** | 6 | 8,34,43,81,89,97 | **65** | 5 | 25,48,49,53,55 | **89** | 6 | 26,49,63,70,78,82 |
| **65** | 5 | 25,48,49,53,55 | **76** | 5 | 10,43,48,60,70 | **91** | 6 | 3,20,26,42,72,73 |
| **76** | 5 | 10,43,48,60,70 | **86** | 5 | 22,27,29,47,70 | **108** | 6 | 3,31,36,40,63,65 |
| **55** | 4 | 10,20,35,40 | **43** | 4 | 7,8,14,23 | **67** | 5 | 2,26,49,52,533 |
| **70** | 4 | 18,22,51,58 | **73** | 4 | 2,27,29,72 | **90** | 5 | 26,49,52,53,77 |
| **92** | 4 | 18,47,70,86 | **91** | 4 | 7,8,43.58 | **96** | 5 | 20,33,35,49,92 |
| **94** | 4 | 23,25,35,53 | **92** | 4 | 18,22,47,70 | **53** | 4 | 5,6,7,49 |
| **43** | 3 | 7,14,23 | **94** | 4 | 23,25,35,53 | **58** | 4 | 3,4,22,43 |
| **48** | 3 | 10,14,43 | **48** | 3 | 10,14,43 | **64** | 4 | 37,49,58,59 |
| **58** | 3 | 22,27,29 | **55** | 3 | 10,20,40 | **76** | 4 | 5,6,22,31 |
| **72** | 3 | 3,56,66 | **56** | 3 | 2,27,29 | **81** | 4 | 35,42,64,73 |
| **73** | 3 | 2,27,29 | **70** | 3 | 18,22,58 | **85** | 4 | 25,55,64,68 |
| **78** | 3 | 49,57,63 | **72** | 3 | 3,56,66 | **86** | 4 | 39,43,58,77 |
| **79** | 3 | 3,8,49 | **78** | 3 | 49,57,63 | **107** | 4 | 30,72,82,98 |
| **82** | 3 | 33,35,40 | **81** | 3 | 3,8,49 | **22** | 3 | 3,5,6 |
| **88** | 3 | 10,11,65 | **82** | 3 | 33,35,40 | **31** | 3 | 3,20,22 |
| **89** | 3 | 34,52,,81 | **88** | 3 | 10,11,65 | **60** | 3 | 4,46,48 |
| **91** | 3 | 7,8,43 | **89** | 3 | 34,52,81 | **70** | 3 | 51,63,66 |
| **98** | 3 | 49,57,63 | **97** | 3 | 7,51,85 | **73** | 3 | 35,42,47 |
| **14** | 2 | 7,8 | **98** | 3 | 49,57,63 | **98** | 3 | 38,58,91 |
| **22** | 2 | 11,18 | **8** | 2 | 3, 7 | **7** | 2 | 5,6 |
| **29** | 2 | 11,22 | **14** | 2 | 7,8 | **33** | 2 | 5,6 |
| **34** | 2 | 3,8 | **22** | 2 | 11,18 | **40** | 2 | 4,36 |
| **40** | 2 | 20,35 | **27** | 2 | 11,22 | **43** | 2 | 2,4 |
| **49** | 2 | 10,34 | **29** | 2 | 11,22 | **46** | 2 | 2,30 |
| **53** | 2 | 10,25 | **34** | 2 | 3,8 | **49** | 2 | 2,30 |
| **59** | 2 | 2,43 | **40** | 2 | 20,35 | **52** | 2 | 46,47 |
| **63** | 2 | 26,57 | **41** | 2 | 8,33 | **55** | 2 | 35,48 |
| **64** | 2 | 7,51 | **49** | 2 | 10,34 | **63** | 2 | 3,31 |
| **69** | 2 | 11,56 | **53** | 2 | 10,25 | **65** | 2 | 3,20 |
| **96** | 2 | 22,85 | **58** | 2 | 27,29 | **66** | 2 | 25,63 |
| **97** | 2 | 7,85 | **59** | 2 | 2,43 | **69** | 2 | 26,60 |
| **8** | 1 | 7 | **63** | 2 | 26,57 | **82** | 2 | 30,41 |
| **25** | 1 | 10 | **64** | 2 | 7,51 | **93** | 2 | 39,60 |
| **27** | 1 | 11 | **67** | 2 | 3,22 | **26** | 1 | 2 |
| **42** | 1 | 26 | **68** | 2 | 49,58 | **30** | 1 | 2 |
| **46** | 1 | 2 | **69** | 2 | 11,56 | **37** | 1 | 25 |
| **56** | 1 | 28 | **96** | 2 | 22,85 | **38** | 1 | 35 |
| **60** | 1 | 7 | **25** | 1 | 10 | **39** | 1 | 20 |
| **67** | 1 | 3 | **35** | 1 | 25 | **41** | 1 | 30 |
| **68** | 1 | 58 | **60** | 1 | 7 | **42** | 1 | 26 |
| **85** | 1 | 64 | **90** | 1 | 3 | **48** | 1 | 47 |
| **93** | 1 | 46 | **93** | 1 | 46 | **51** | 1 | 20 |
| **1** | 0 | 0 | **1** | 0 | 0 | **57** | 1 | 56 |
| **2** | 0 | 0 | **2** | 0 | 0 | **59** | 1 | 55 |
| **3** | 0 | 0 | **3** | 0 | 0 | **72** | 1 | 46 |
| **4** | 0 | 0 | **4** | 0 | 0 | **78** | 1 | 23 |
| **5** | 0 | 0 | **5** | 0 | 0 | **1** | 0 | 0 |
| **6** | 0 | 0 | **6** | 0 | 0 | **2** | 0 | 0 |
| **7** | 0 | 0 | **7** | 0 | 0 | **3** | 0 | 0 |
| **9** | 0 | 0 | **9** | 0 | 0 | **4** | 0 | 0 |
| **10** | 0 | 0 | **10** | 0 | 0 | **5** | 0 | 0 |
| **11** | 0 | 0 | **11** | 0 | 0 | **6** | 0 | 0 |
| **12** | 0 | 0 | **12** | 0 | 0 | **8** | 0 | 0 |
| **13** | 0 | 0 | **13** | 0 | 0 | **9** | 0 | 0 |
| **15** | 0 | 0 | **15** | 0 | 0 | **10** | 0 | 0 |
| **16** | 0 | 0 | **16** | 0 | 0 | **11** | 0 | 0 |
| **17** | 0 | 0 | **17** | 0 | 0 | **12** | 0 | 0 |
| **18** | 0 | 0 | **18** | 0 | 0 | **13** | 0 | 0 |
| **19** | 0 | 0 | **19** | 0 | 0 | **14** | 0 | 0 |
| **20** | 0 | 0 | **20** | 0 | 0 | **15** | 0 | 0 |
| **21** | 0 | 0 | **21** | 0 | 0 | **16** | 0 | 0 |
| **23** | 0 | 0 | **23** | 0 | 0 | **17** | 0 | 0 |
| **24** | 0 | 0 | **24** | 0 | 0 | **18** | 0 | 0 |
| **26** | 0 | 0 | **26** | 0 | 0 | **19** | 0 | 0 |
| **28** | 0 | 0 | **28** | 0 | 0 | **20** | 0 | 0 |
| **30** | 0 | 0 | **30** | 0 | 0 | **21** | 0 | 0 |
| **31** | 0 | 0 | **31** | 0 | 0 | **23** | 0 | 0 |
| **32** | 0 | 0 | **32** | 0 | 0 | **24** | 0 | 0 |
| **33** | 0 | 0 | **33** | 0 | 0 | **25** | 0 | 0 |
| **35** | 0 | 35 | **36** | 0 | 0 | **27** | 0 | 0 |
| **36** | 0 | 0 | **37** | 0 | 0 | **28** | 0 | 0 |
| **37** | 0 | 0 | **38** | 0 | 0 | **29** | 0 | 0 |
| **38** | 0 | 0 | **39** | 0 | 0 | **32** | 0 | 0 |
| **39** | 0 | 0 | **42** | 0 | 0 | **34** | 0 | 0 |
| **41** | 0 | 0 | **44** | 0 | 0 | **35** | 0 | 0 |
| **44** | 0 | 0 | **45** | 0 | 0 | **36** | 0 | 0 |
| **45** | 0 | 0 | **46** | 0 | 0 | **44** | 0 | 0 |
| **47** | 0 | 0 | **47** | 0 | 0 | **45** | 0 | 0 |
| **50** | 0 | 0 | **50** | 0 | 0 | **47** | 0 | 0 |
| **51** | 0 | 0 | **51** | 0 | 0 | **50** | 0 | 0 |
| **52** | 0 | 0 | **52** | 0 | 0 | **54** | 0 | 0 |
| **54** | 0 | 0 | **54** | 0 | 0 | **61** | 0 | 0 |
| **57** | 0 | 0 | **57** | 0 | 0 | **62** | 0 | 0 |
| **61** | 0 | 0 | **61** | 0 | 0 | **68** | 0 | 0 |
| **62** | 0 | 0 | **62** | 0 | 0 | **71** | 0 | 0 |
| **66** | 0 | 0 | **66** | 0 | 0 | **74** | 0 | 0 |
| **71** | 0 | 0 | **71** | 0 | 0 | **75** | 0 | 0 |
| **74** | 0 | 0 | **74** | 0 | 0 | **79** | 0 | 0 |
| **75** | 0 | 0 | **75** | 0 | 0 | **80** | 0 | 0 |
| **77** | 0 | 0 | **77** | 0 | 0 | **83** | 0 | 0 |
| **80** | 0 | 0 | **79** | 0 | 0 | **84** | 0 | 0 |
| **81** | 0 | 0 | **80** | 0 | 0 | **87** | 0 | 0 |
| **83** | 0 | 0 | **83** | 0 | 0 | **94** | 0 | 0 |
| **84** | 0 | 0 | **84** | 0 | 0 | **95** | 0 | 0 |
| **87** | 0 | 0 | **85** | 0 | 0 | **97** | 0 | 0 |
| **90** | 0 | 0 | **87** | 0 | 0 | **99** | 0 | 0 |
| **99** | 0 | 0 | **99** | 0 | 0 | **100** | 0 | 0 |
| **100** | 0 | 0 | **100** | 0 | 0 | **101** | 0 | 0 |
| **101** | 0 | 0 | **101** | 0 | 0 | **102** | 0 | 0 |
| **102** | 0 | 0 | **102** | 0 | 0 | **103** | 0 | 0 |
| **103** | 0 | 0 | **103** | 0 | 0 | **104** | 0 | 0 |
| **104** | 0 | 0 | **104** | 0 | 0 | **105** | 0 | 0 |
| **105** | 0 | 0 | **105** | 0 | 0 | **106** | 0 | 0 |
| **106** | 0 | 0 | **106** | 0 | 0 | **109** | 0 | 0 |
| **109** | 0 | 0 | **109** | 0 | 0 | **110** | 0 | 0 |
| **110** | 0 | 0 | **110** | 0 | 0 | **111** | 0 | 0 |
| **112** | 0 | 0 | **112** | 0 | 0 | **112** | 0 | 0 |