

## Additional file 6 – The 29 network structures analyzed in the present study

page	ID	description
2	C9333	detoxification
3	C9448	amino acids
4	C9449	carbon compounds
5	C9426	colanic acid (M antigen)
6	C9509	operon
7	C9448, C9462	amino acids, formyl-THF biosynthesis
8	C9449	carbon compounds
9	C9331	motility, chemotaxis, energytaxis (aerotaxis, redoxaxis etc
10	C9340	flagella
11	C9362	nucleoproteins, basic proteins
12	C9401	tryptophan
13	C9449	carbon compounds
14	C9376	cytoplasm
15	C9449	carbon compounds
16	C9449	carbon compounds
17	C9337	SOS response
18	C9354	DNA repair
19	C9383	arginine
20	C9474	nucleotide and nucleoside conversions
21	C9493	fermentation
22	C9376	cytoplasm
23	C9393	isoleucine/valine
24	C9420	purine biosynthesis
25	C9394	leucine
26	C9504	phosphorous metabolism
27	C9528	repressor
28	C9523	activator
29	C9490	anaerobic respiration
30	C9372	Transcription related































































