Supplementary Table 2. Robustness of constitutive co-expression modules to detection parameter. To obtain a final set of drug-induced modules, we discarded those 'constitutive' co-expression modules in which 10% or more of the gene pairs were correlated (Pearson coefficient > 0.6) in untreated control samples (available at http://www.bork.embl.de/Docu/codim/supp-files/drug-induced-expression-profiles.tar.gz). Here we additionally explored a wider parameter grid by varying the percentage of correlated gene pairs between 1 and 50% (see Table). When we assessed how many of the non-redundant modules filtered with these parameters overlapped with the final modules presented in the main text, we found that for any cutoff, the majority of final drug-induced modules (in most cases the vast majority) were detected invariably.

Threshold for % cor. gene pairs	Drug-induced modules		Constitutive co-expression (background) modules	
	# of redundant modules	# of non-redundant modules [% of overlap with final set]	# of redundant modules	# of non-redundant modules
MCF7				
1	1464	21 [80%]	573	9
5	1822	26 [92%]	215	6
10	1909	25 [100%]	128	4
20	1957	26 [84%]	80	3
50	2014	26 [88%]	23	1
PC3				
1	1020	21 [61%]	667	15
5	1280	27 [71%]	407	11
10	1405	28 [100%]	282	9
20	1529	29 [75%]	158	8
50	1627	29 [79%]	60	3
HL60				
1	969	27 [69%]	730	15
5	1349	29 [90%]	350	7
10	1472	29 [100%]	227	5
20	1614	29 [90%]	85	3
50	1652	30 [90%]	47	2