

## Supporting Information

### Supporting Table S1.

Sequence identity statistics for RsgI-CBM3 modules.

The identity and high similarity percentage values between the pairs of RsgI-CBM3's are presented. PDB codes are indicated.

Protein	<b>0059</b> CBM3b, 4B9C	<b>0267</b> CBM3b, 4B9P
<b>0267</b> CBM3b, 4B9P	Identical: 28.4% Highly similar: 21.3%	
<b>0404</b> CBM3b, 4B97	Identical: 35.1% Highly similar: 23.8%	Identical: 40.5% Highly similar: 20.8%

### Supporting Table S2.

R.m.s.d. values of C $\alpha$  atoms for superposed structures of several CBM3's.

Calculated with PyMOL. The number of C $\alpha$  atoms used for alignment is shown in parentheses.

Values are in Å.

Protein	CipA CBM3a	<b>0059</b> CBM3b	<b>0267</b> CBM3b
	1NBC	4B9C	4B9P
<b>0059</b> CBM3b 4B9C	0.988 (112)		
<b>0267</b> CBM3b 4B9P	0.661 (113)	0.783 (86)	
<b>0404</b> CBM3b 4B97	0.711 (118)	0.738 (106)	0.737 (115)