

Table 1. Data used in the construction of sdVRC—cf. Figure 2

Probe	M_w (kDa)	r_p (nm)	$\ln\left(\frac{D_p}{D_{\text{G10}}}\right)$	Reference
Water	0.018	0.16	0.1	Jasnin <i>et al.</i> (2008)
Glucose	0.423	0.53	2.1	Mika <i>et al.</i> (2010)
mEos2	26	2.8	2.1	English <i>et al.</i> (2011)
EYFP	27	2.8	2.4	Kumar <i>et al.</i> (2010)
GFP	27	2.8	2.4	Elowitz <i>et al.</i> (1999)
GFP	27	2.8	3.2	Elowitz <i>et al.</i> (1999)
GFP	27	2.8	2.2	van den Bogaart <i>et al.</i> (2007)
GFP	27	2.8	2.6	Slade <i>et al.</i> (2009)
GFP2	27	2.8	2.3	Nenninger <i>et al.</i> (2010)
GFP	27	2.8	3.2	Mika <i>et al.</i> (2010)
GFP	27	2.8	2.7	Konopka <i>et al.</i> (2006)
GFP-His6	28	2.8	3.1	Elowitz <i>et al.</i> (1999)
torA-GFP	30	2.9	2.5	Mullineaux <i>et al.</i> (2006)
CheY-GFP	41	3.3	2.8	Cluzel <i>et al.</i> (2000)
NlpA-GFP	55	3.7	3.4	Nenninger <i>et al.</i> (2010)
NlpA _{noLB} -GFP	55	3.7	3.2	Nenninger <i>et al.</i> (2010)
torA-GFP2	57	3.8	2.2	Nenninger <i>et al.</i> (2010)
torA-GFP2	57	3.8	2.1	Nenninger <i>et al.</i> (2010)
AmiA-GFP	58	3.8	3.6	Nenninger <i>et al.</i> (2010)
AmiA-GFP	58	3.8	3.6	Nenninger <i>et al.</i> (2010)
AmiA _{noSP} -GFP	58	3.8	2.2	Nenninger <i>et al.</i> (2010)
CFP-CheW-YFP	71	4.1	3.5	Kumar <i>et al.</i> (2010)
cMBP-GFP	72	4.1	3.2	Elowitz <i>et al.</i> (1999)
torA-GFP3	84	4.4	2.2	Nenninger <i>et al.</i> (2010)
CFP-CheR-YFP	86	4.4	3.3	Kumar <i>et al.</i> (2010)
torA-GFP4	111	4.9	2.2	Nenninger <i>et al.</i> (2010)
torA-GFP5	138	5.3	2.8	Nenninger <i>et al.</i> (2010)
(β -Gal-GFP) ₄	582	9.4	3.5	Mika <i>et al.</i> (2010)
Ribosome 70S	2,500	16.6	6.0	Bakshi <i>et al.</i> (2012)
mRNA-GFP	6,000	21.3	6.2	Golding and Cox (2004)
Plasmid-GFP	18,480	203.9	10.1	Campbell and Mullins (2007)