Supplementary Table I. Protein and enzymatic compositions of the different high molecular weight repliction complexes

	DNA synthesome[a]				RC complex[b]	RC complex[c]
Origin	human cervical carcinoma cells	human leukemia cells	human breast cancer cells	human breast cancer cells	calf thymus	human cervical carcinoma cells
Cell type	HeLa cells	HL60	MDA MB-468	MCF 7		HeLa cells
Mass	21S	n.d.	18S	18S/1 MDa	> 900 kDa	> 19 S
SV40 DNA replication	+	+	+	+	n.d.	n.d.
RF-C/PCNA-dependent Pol switching	n.d.	n.d.	n.d.	n.d.	+	+
Pol α/primase	+	+	+	+	+	+
Pol δ	+	+	+	+	+	+
Pol ε	n.d.	n.d.	+	n.d.	-	+
DNA helicase	+	n.d.	n.d.	n.d.	-	n.d.
RNAse H	+	n.d.	n.d.	n.d.	-	n.d.
Topo I	+	+	+	+	-	+
Topo II	+	+	+	+	n.d.	n.d.
RF-C	+	+	+	n.d.	+	+
RP-A	+	+	+	+	-	+
PCNA	+	+	+	+	-	-
DNA ligase I	+	n.d.	+	n.d.	n.d.	+
PARP	+	n.d.	+	n.d.	-	+
cyclin A	n.d.	n.d.	n.d.	n.d.	n.d.	+
cyclin B1	n.d.	n.d.	n.d.	n.d.	n.d.	+
Cdk1	n.d.	n.d.	n.d.	n.d.	n.d.	+
Cdk2	n.d.	n.d.	n.d.	n.d.	n.d.	+

[a]Malkas, 1998 ; [b]Maga et all, 1996 ; [c]Frouin et al., 2002; n.d., not determined