

Table S2: Overview of datasets analysed

Accession numbers	Species/ Strain	Library type	RNA Selection	Instrument	Read length	Layout	Adapter	Stages Analyzed	Runs	Study
ERP105548	<i>Pb</i> ANKA	U	Oligo-dT	Illumina HiSeq 2500	100	PE	Nextera	Sp, L	ERR2216044 ERR2216045 ERR2216046 ERR2216047 ERR2216048 ERR2216049 ERR2216050 ERR2216051 ERR2216052 ERR2216053 ERR2216054 ERR2216055	[1]
SRP250329	<i>Pb</i> ANKA	U	cDNA	Illumina HiSeq 4000	50	SE	SMART- Seq	Sp, L	SRR11142813 SRR11142815 SRR11142816 SRR11142817 SRR11142818 SRR11142820 SRR11142821 SRR11142823 SRR11142824 SRR11142825 SRR11142826 SRR11142827 SRR11142828 SRR11142836 SRR11142837 SRR11142838 SRR11142839 SRR11142840 SRR11142841	[2]
SRP027529/ ERP004740	<i>Pb</i>	U		Illumina Genome Analyzer IIx	76	SE/PE	Truseq	R, T, Sch, G, O	SRR935544 SRR935549 SRR935553 SRR935554 SRR935555 SRR935557 SRR935558 SRR935559 ERR435801 ERR435802 ERR435803 ERR435804	[3]

SRP099925	<i>Pb</i> ANKA	S (BS2-3) / SR (BS1)	Poly(A)	Illumina HiSeq 2500	100	PE		ABS (mixed)	SRR5260544 SRR5260545 SRR5260546	[4]
SRP197607	<i>Pb</i> ANKA	SR	PCR	Illumina NextSeq 500	75	PE	KAPA	G	SRR9041561 SRR9041562	[5]
SRP073801	<i>Pb</i> ANKA	SR	cDNA	Illumina HiSeq 2500	100	PE	NEBNext	O	SRR3437923 SRR3437924 SRR3437937 SRR3437938 SRR3437953 SRR3437954	[6]
SRP090611	<i>Pf</i> NF54 and 3D7	SR	Random	Illumina NextSeq 550	150	SE	Truseq	G, Sp	SRR5146305 SRR5146306 SRR5146307 SRR5146308 SRR5150409 SRR5150410	[7]
SRP142460	<i>Pf</i> 3D7	SR	cDNA	Illumina HiSeq 2500	100	SE	Truseq	Sp	SRR7059093 SRR7059094 SRR7059095	[8]
SRP048710	<i>Pf</i> K1	SR	cDNA	Illumina MiSeq		PE	Truseq	R, T, Sch	SRR1605330 SRR1605331 SRR1605332 SRR1605333 SRR1605334 SRR1605335	[9]
SRP211863	<i>Pf</i> NF54	SR	cDNA	Illumina HiSeq X Ten	150	PE	KAPA AGATCG GAAGAG C AAGATC GGAAGA GC	R, T, Sch	SRR9592132 SRR9592133 SRR9592134 SRR9592135 SRR9592136 SRR9592137	[10]
SRP069075	<i>Pf</i> 3D7	SR	cDNA	Illumina HiSeq 2500		SE	TruSeq	G	SRR3134662 SRR3134663 SRR3134664 SRR3134665 SRR3134666	unpublished

SRR3134667										
SRP100893	<i>Pv</i>	U	Random	Illumina HiSeq 2000 (NextSeq)		PE	TruSeq	Sp	SRR5298172 SRR5298173 SRR5298174 SRR5298175 SRR5298176 SRR5298177 SRR5298178 SRR5298179 SRR5298180 SRR5298181 SRR5298182 SRR5298183 SRR5298184 SRR5298185 SRR5298188 SRR5298189 SRR5298190	[11]
SRP046739	<i>Pv</i>	U	cDNA	Illumina HiSeq 2000	100	PE	TruSeq	Blood stages	SRR1571697 SRR1571698 SRR1571699 SRR1571700 SRR1571701 SRR1571702 SRR1571703 SRR1571704 SRR1571705 SRR1571706 SRR1571707 SRR1571708 SRR1571709 SRR1571710 SRR1571711	[12]

S: stranded, SR: stranded reverse, U: unstranded, SE: single end, PE: paired end, oligo-dT: oligo-deoxythymidine, Sp: Sporozoite, L: liver stages, R: ring, T: trophozoite, Sch: schizont, G: gametocyte, O: ookinete, ABS: asexual blood stages

## References

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