-	DNA5	Adapters	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBN	(SLD	SDL	OS	AC	KC
	Initial	None											
		NexteraPE-PE											
~	After adapter removal	TruSeq2-PE											
varc	After adapter removal	TruSeq3-PE											
forward		TruSeq3-PE-2											
_	After trimming by FastQC report	TruSeq3-PE-2											
	After AVGQUAL	TruSeq3-PE-2											
	After MAXINFO	TruSeq3-PE-2											
	Initial	None											
	After adapter removal After trimming by FastQC report	NexteraPE-PE											
se		TruSeq2-PE											
reverse		TruSeq3-PE											
re		TruSeq3-PE-2 TruSeq3-PE-2											
	After AVGQUAL	TruSeq3-PE-2											
	After MAXINFO	TruSeq3-PE-2											
	DNA6	Adapters	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBN	SLD	SDL	OS	AC	KC
	Initial	None											
	After adapter removal	NexteraPE-PE											
ъ		TruSeq2-PE											
forward		TruSeq3-PE											
for		TruSeq3-PE-2											
	After trimming by FastQC report	TruSeq3-PE-2											
	After AVGQUAL	TruSeq3-PE-2											
	After MAXINFO	TruSeq3-PE-2											
	Initial	None NexteraPE-PE											
	After adapter removal	TruSeq2-PE											
Se		TruSeq3-PE											
everse		TruSeq3-PE-2											
2	After trimming by FastQC report	TruSeq3-PE-2											
	After AVGQUAL	TruSeq3-PE-2											
	After MAXINFO	TruSeq3-PE-2											
	DNA7	Adapters	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBN	SLD	SDL	OS	AC	KC
	DNA7 Initial	None	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBN	SLD	SDL	OS	AC	KC
		None NexteraPE-PE	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBN	(SLD	SDL	OS	AC	KC
rd		None NexteraPE-PE TruSeq2-PE	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBN	SLD	SDL	OS	AC	KC
rward	Initial	None NexteraPE-PE TruSeq2-PE TruSeq3-PE	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBN	(SLD	SDL	OS	AC	KC
forward	Initial After adapter removal	None NexteraPE-PE TruSeq2-PE TruSeq3-PE TruSeq3-PE-2	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBNO	(SLD	SDL	OS	AC	KC
forward	After adapter removal After trimming by FastQC report	None NexteraPE-PE TruSeq2-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBN	(SLD	SDL	OS	AC	KC
forward	After adapter removal After trimming by FastQC report After AVGQUAL	None NexteraPE-PE TruSeq2-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBNO	(SLD	SDL	OS	AC	KC
forward	After adapter removal After trimming by FastQC report	None NexteraPE-PE TruSeq2-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBNO	CSLD	SDL	OS	AC	KC
forward	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO	None NexteraPE-PE TruSeq2-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBNO	(SLD	SDL	OS	AC	KC
	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial	None NexteraPE-PE TruSeq2-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBNO	CSLD	SDL	OS	AC	KC
	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO	None NexteraPE-PE TruSeq2-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBNO	SLD	SDL	OS	AC	KC
reverse forward	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial	None NexteraPE-PE TruSeq2-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq2-PE	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBNG	SLD	SDL	OS	AC	KC
	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report	None NexteraPE-PE TruSeq2-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq2-PE TruSeq3-PE	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBNO	SLD	SDL	OS	AC	KC
	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBNG	(SLD	SDL	OS	AC	KC
	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq2-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2	PBSQ	PTSQ	PSQS	PBSC	PSGCC	PBNO	(SLD	SDL	OS	AC	KC
	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2											
	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2	PBSQ		PSQS	PBSC	PSGCC						
	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None Adapters None											
	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE											
reverse	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2											
reverse	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2											
-	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial After adapter removal	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2											
reverse	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2											
reverse	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial After adapter removal After in Maxinfo After maxinfo After dapter removal	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2											
reverse	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial After adapter removal After trimming by FastQC report After AVGQUAL After AVGQUAL After Adapter removal	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE-2											
reverse	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial After adapter removal After trimming by FastQC report After AVGQUAL After Adapter removal	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2											
forward	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE-2 None											
forward	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial After adapter removal After trimming by FastQC report After AVGQUAL After Adapter removal	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE-2 None NexteraPE-PE											
reverse	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE-2											
forward	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE-2											
forward	After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO DNA8 Initial After adapter removal After trimming by FastQC report After MAXINFO DNA8 Initial After adapter removal After adapter removal After trimming by FastQC report After AVGQUAL After MAXINFO Initial After adapter removal	None NexteraPE-PE TruSeq2-PE TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 TruSeq3-PE-2 None NexteraPE-PE TruSeq3-PE TruSeq3-PE-2											