

Stage	NTR Design			Proposed Design		
	QC	GO	CI	QC	GO	CI
Swap	238	19	27	220	0	9
Alignment	12312	2260	2022	2295	388	359
Addition	166	55	28	166	55	28
Conversion	454	94	94	450	56	55
Normalization	2009	498	484	1742	313	306
Rounding	0	9	0	0	9	0
Total	15179	2935	2655	4873	824	757