

The chemical structure shows a repeating unit of a polymer. It consists of a central benzene ring (highlighted in red) connected to two thiophene rings. Each thiophene ring is further connected to a phenyl ring. The structure is labeled with '5' and '3' at the ends, indicating the positions of the thiophene rings. The repeating unit is shown in a zig-zag conformation.



5'-cuuga <u>aauc<u>cu</u>ugga<u>ac</u>cuaggugagugc</u> uaauuucagugc <u>aacacac</u> cuauu <u>caagga</u> uucaaa-3'	exp			
.(((((((((((((((...(((((((.(((((...)))))).))))))))))))))))))))).reads		mm		sample
...aauc <u>cu</u> ugga <u>ac</u> cuaggugag.....1		0		seq
...Cauc <u>cu</u> ugga <u>ac</u> cuaggugagugc.....1		1		seq