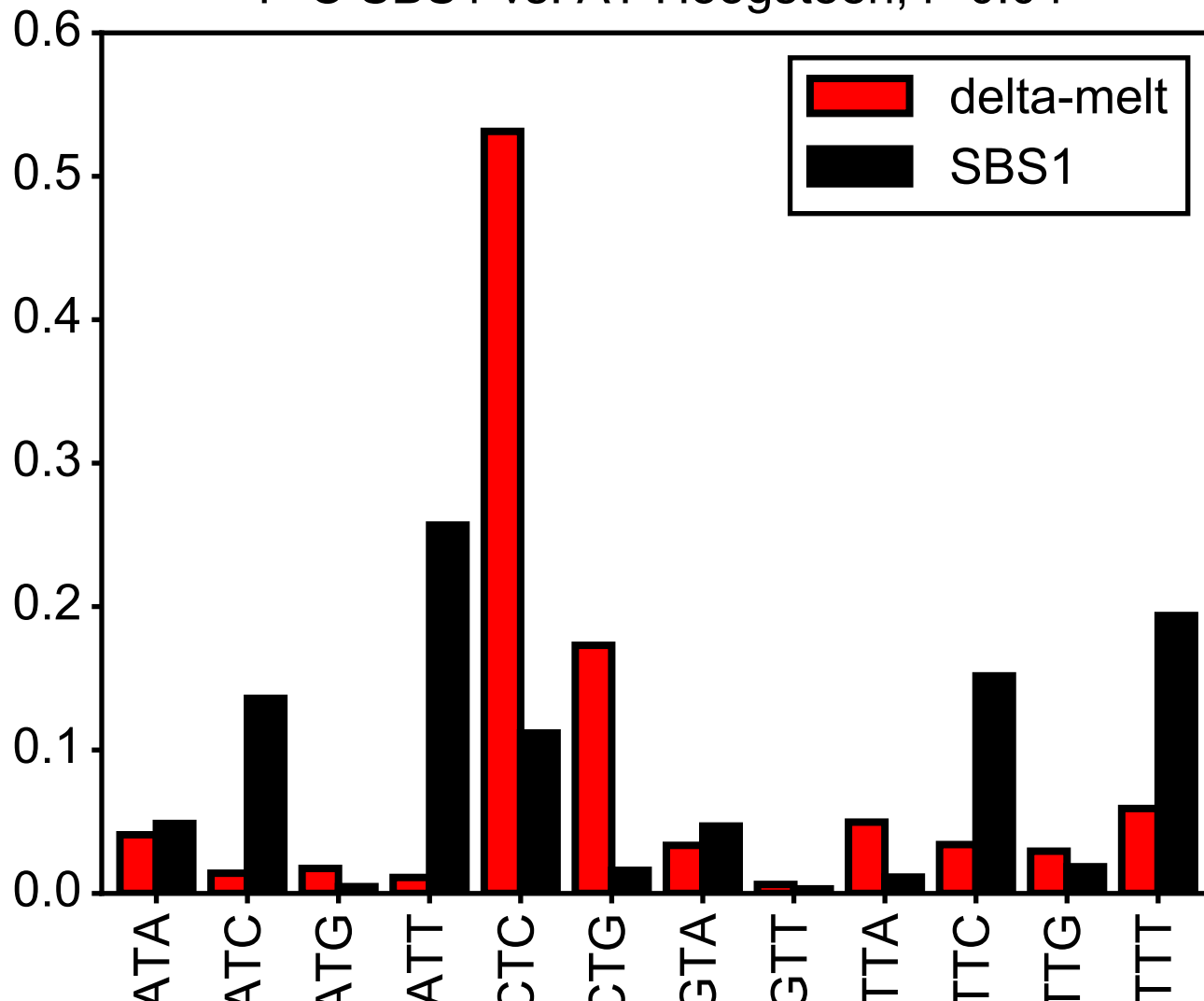
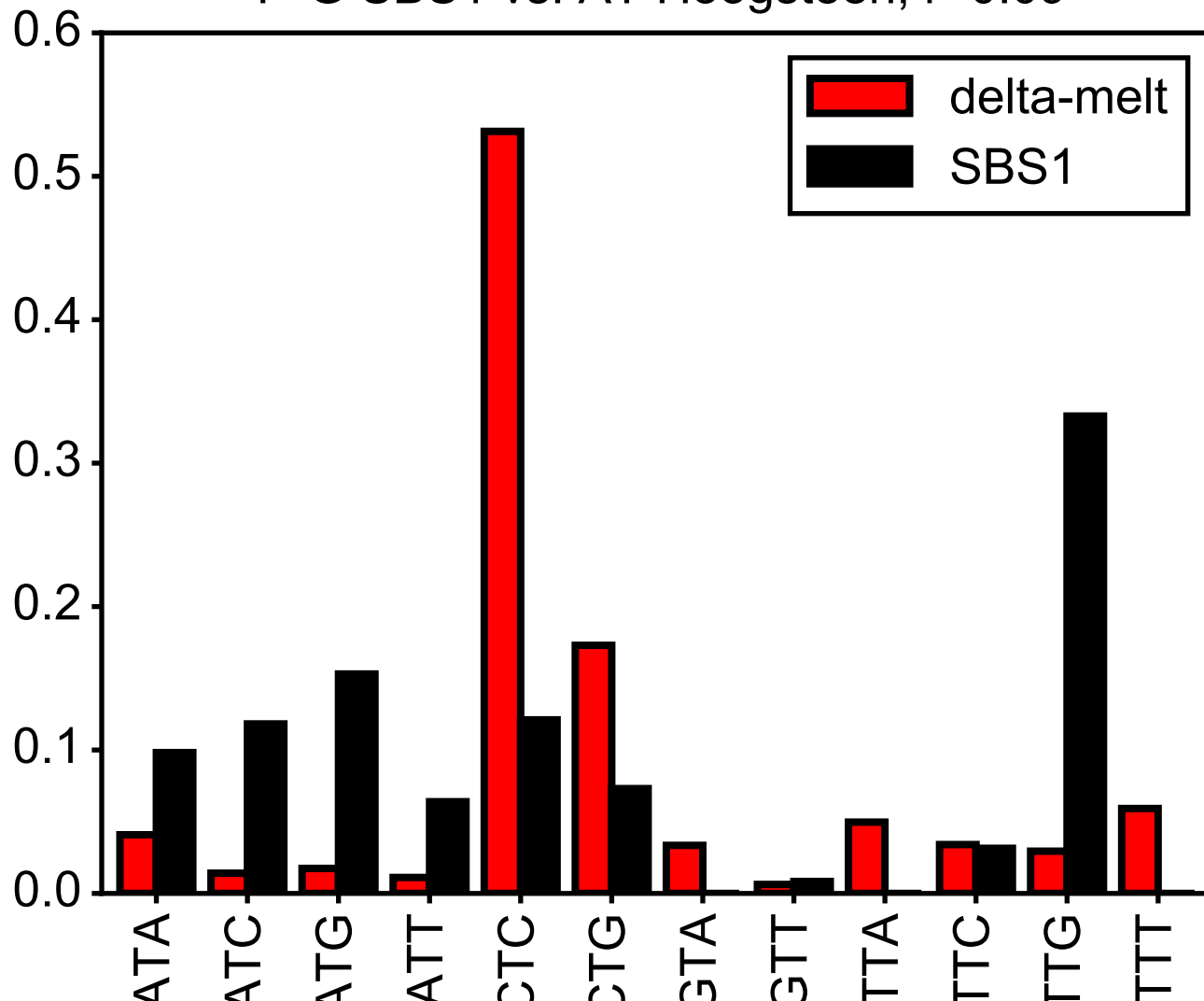


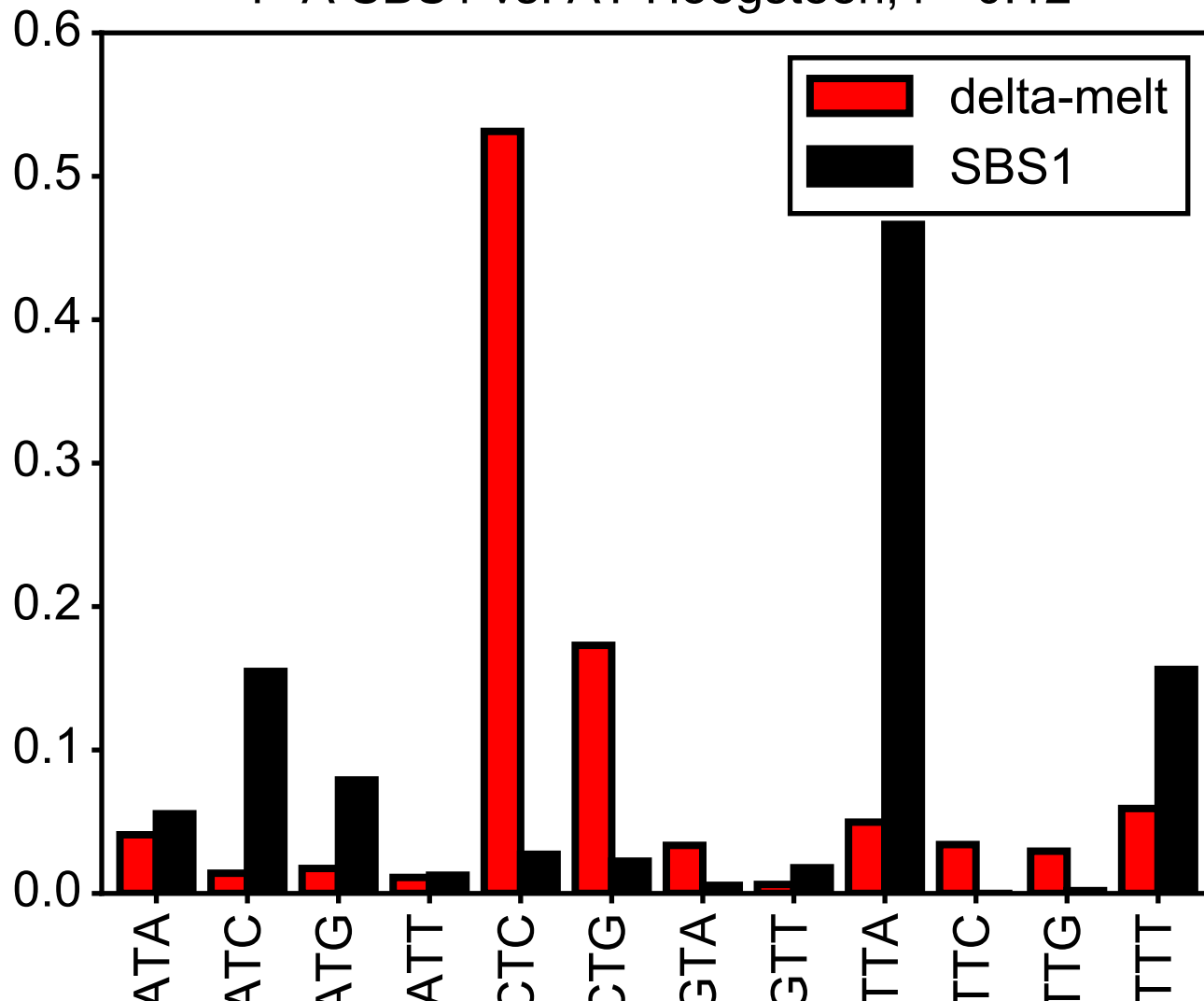
T>C SBS1 vs. AT Hoogsteen, $r=0.04$



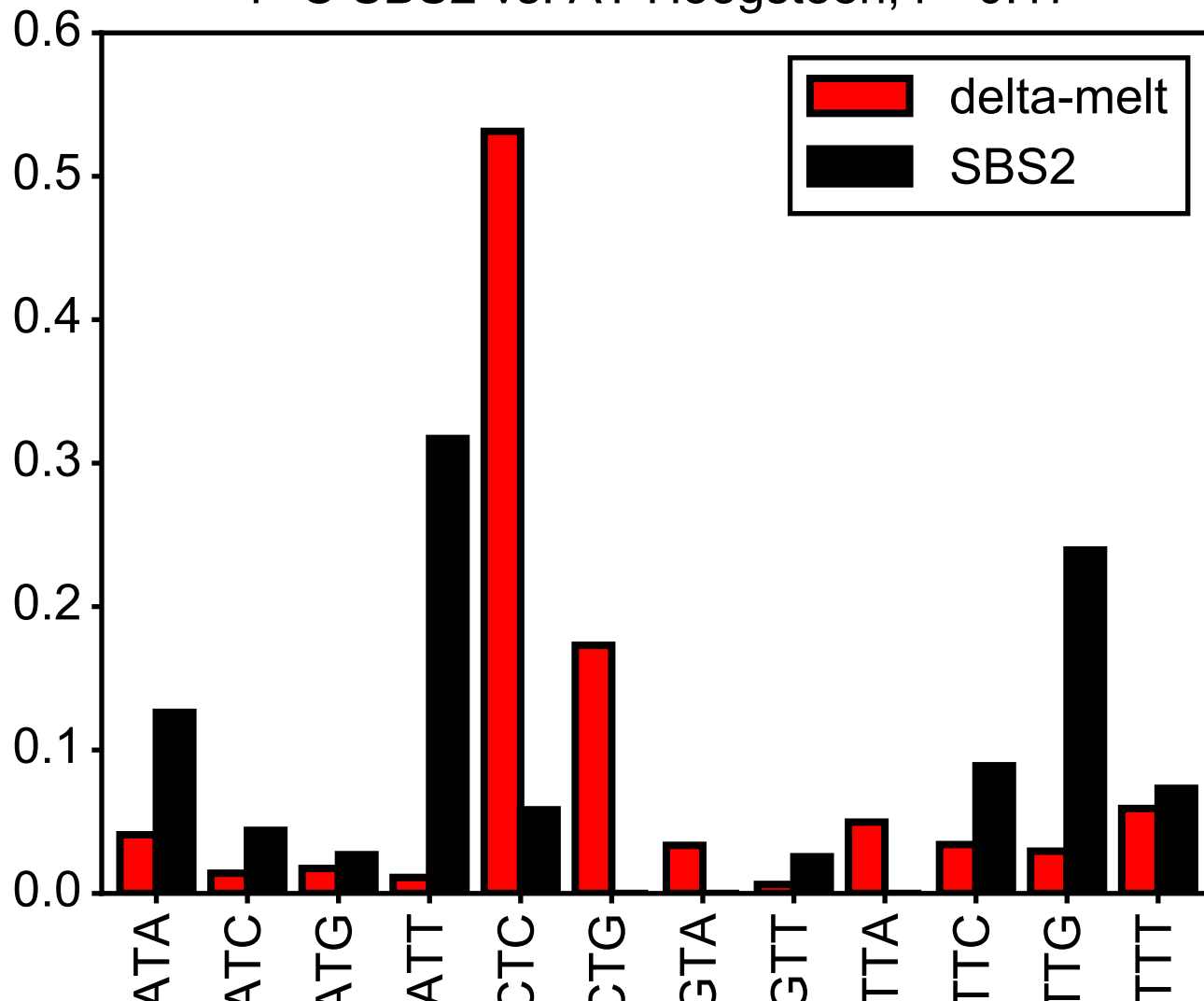
T>G SBS1 vs. AT Hoogsteen, $r=0.09$



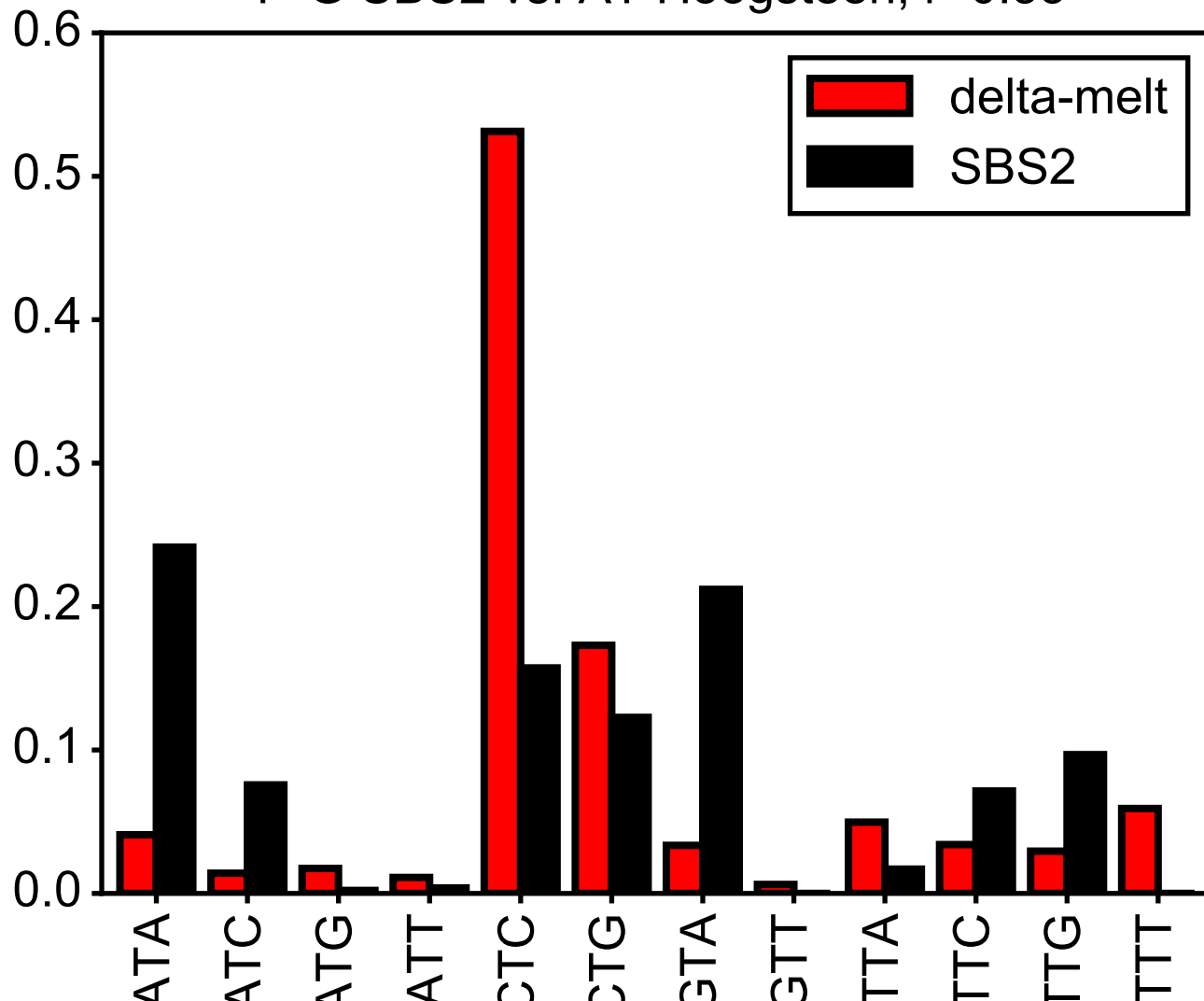
T>A SBS1 vs. AT Hoogsteen, $r=-0.12$



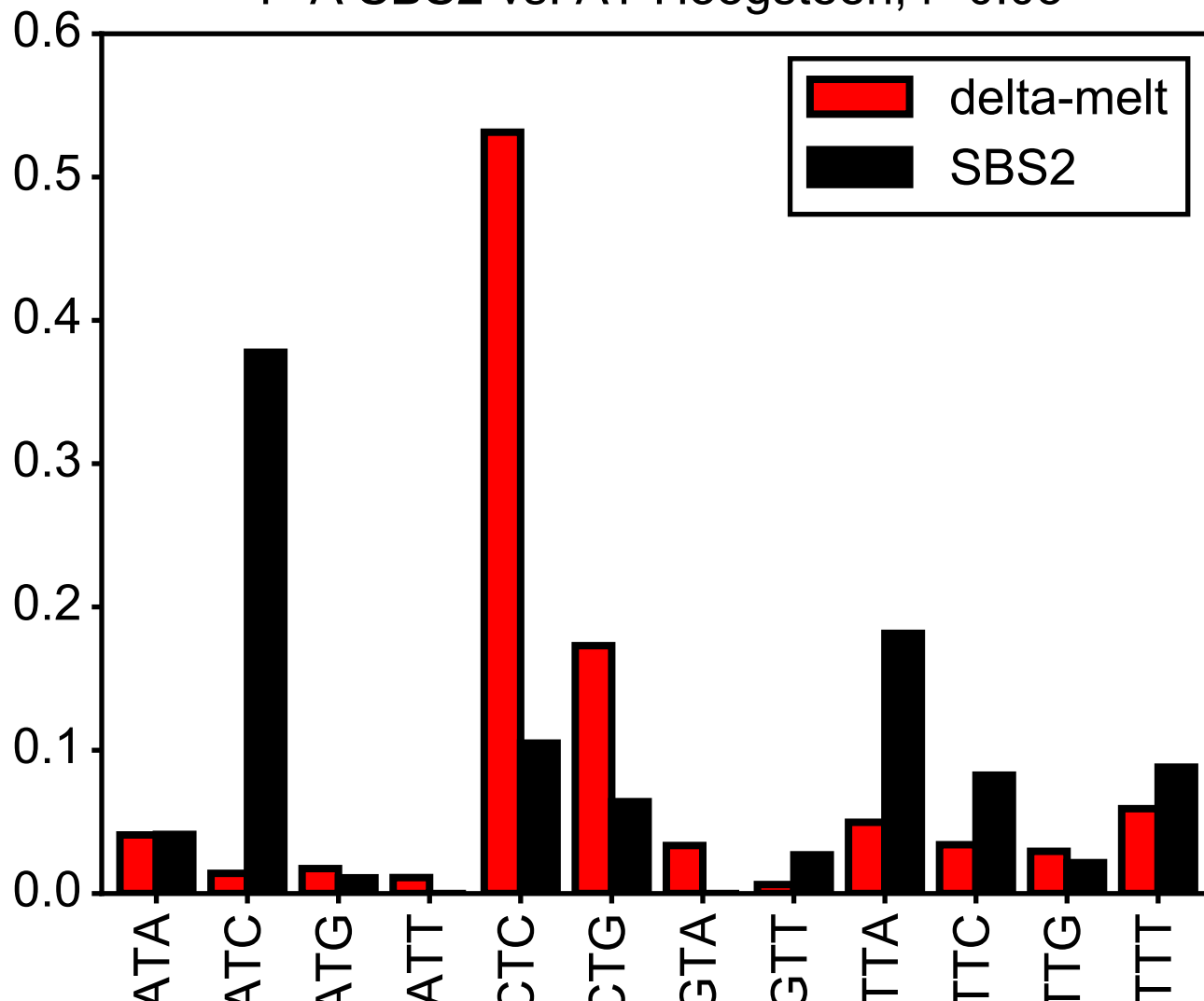
T>C SBS2 vs. AT Hoogsteen, $r=-0.17$



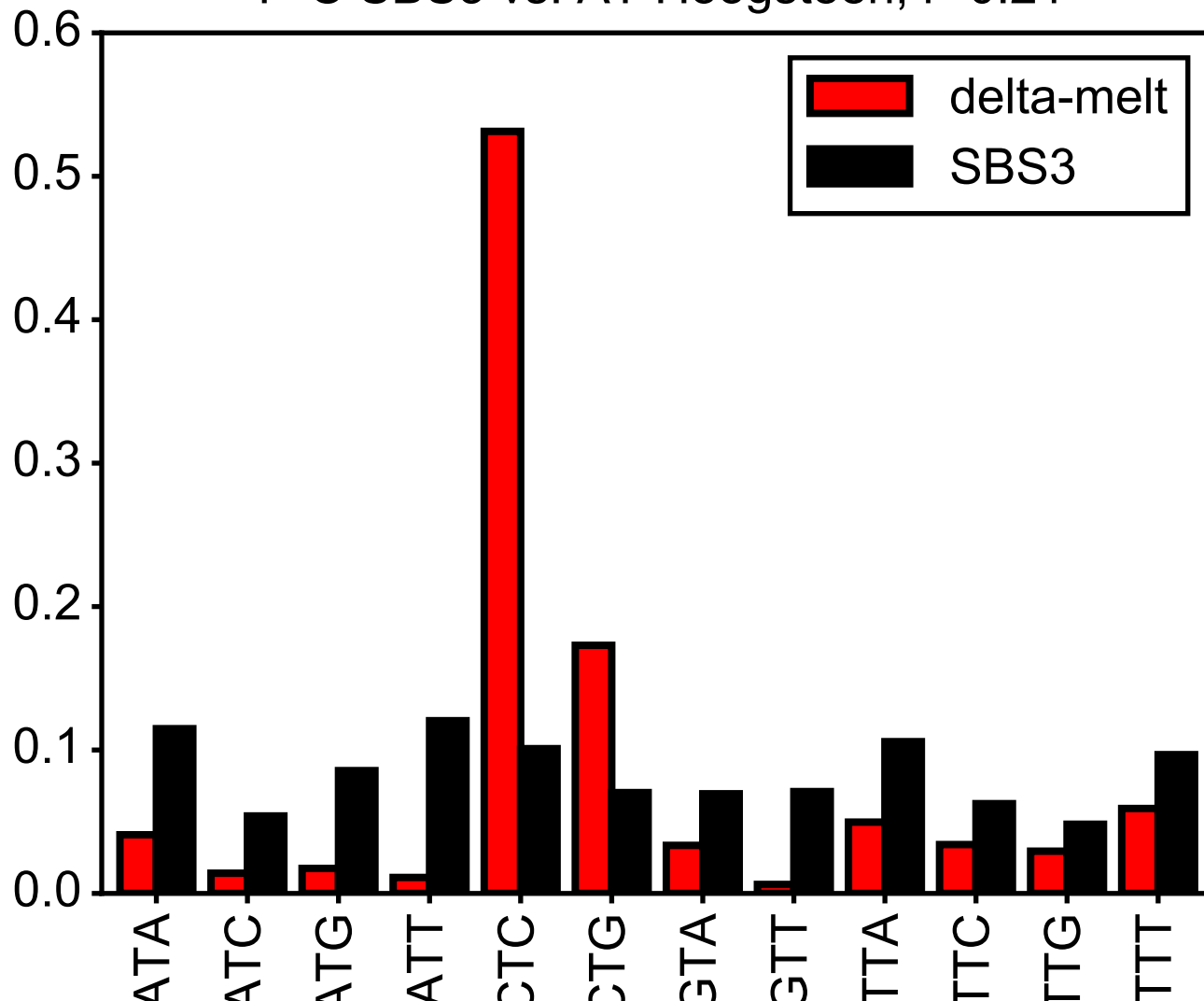
T>G SBS2 vs. AT Hoogsteen, $r=0.33$



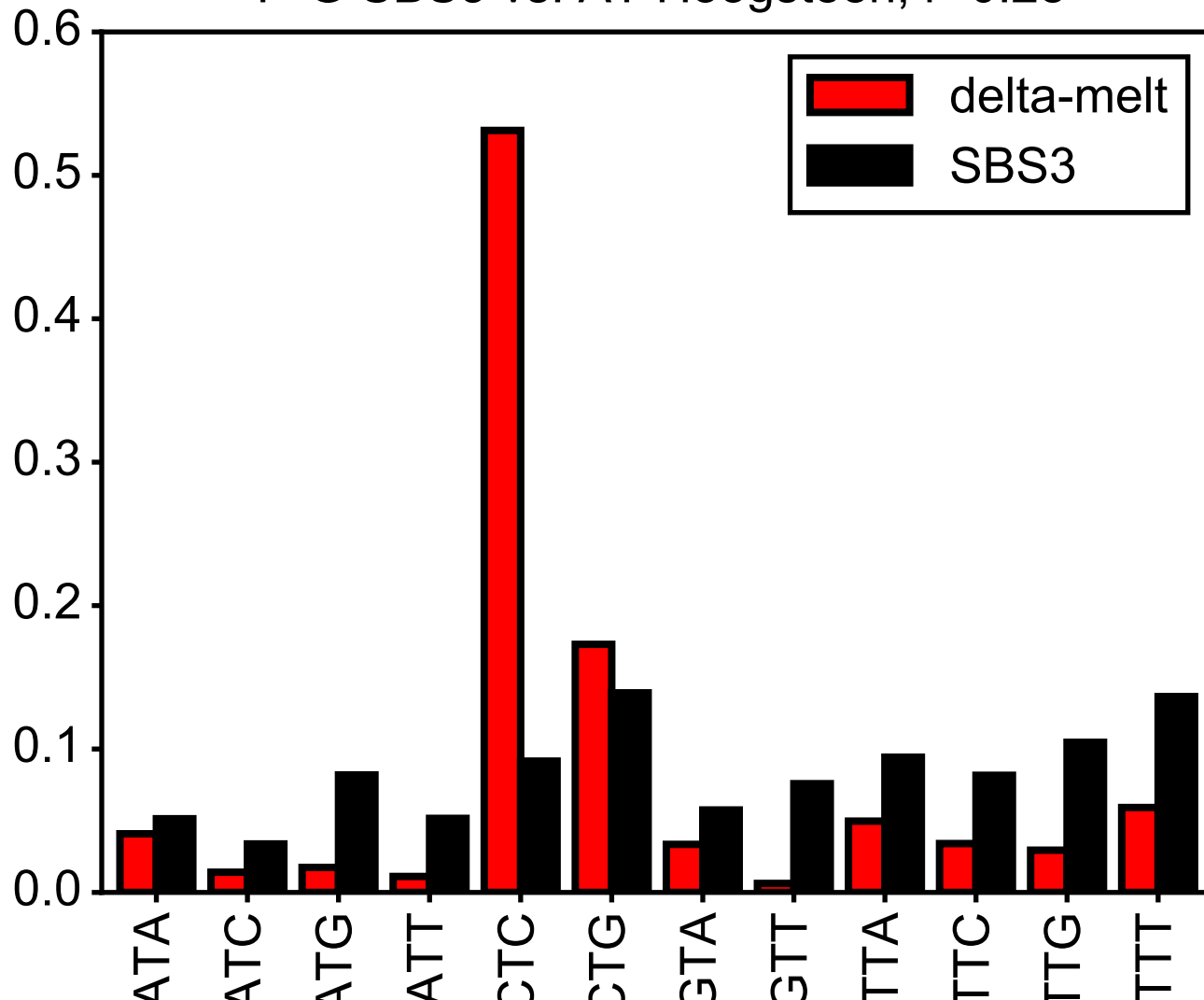
T>A SBS2 vs. AT Hoogsteen, $r=0.05$



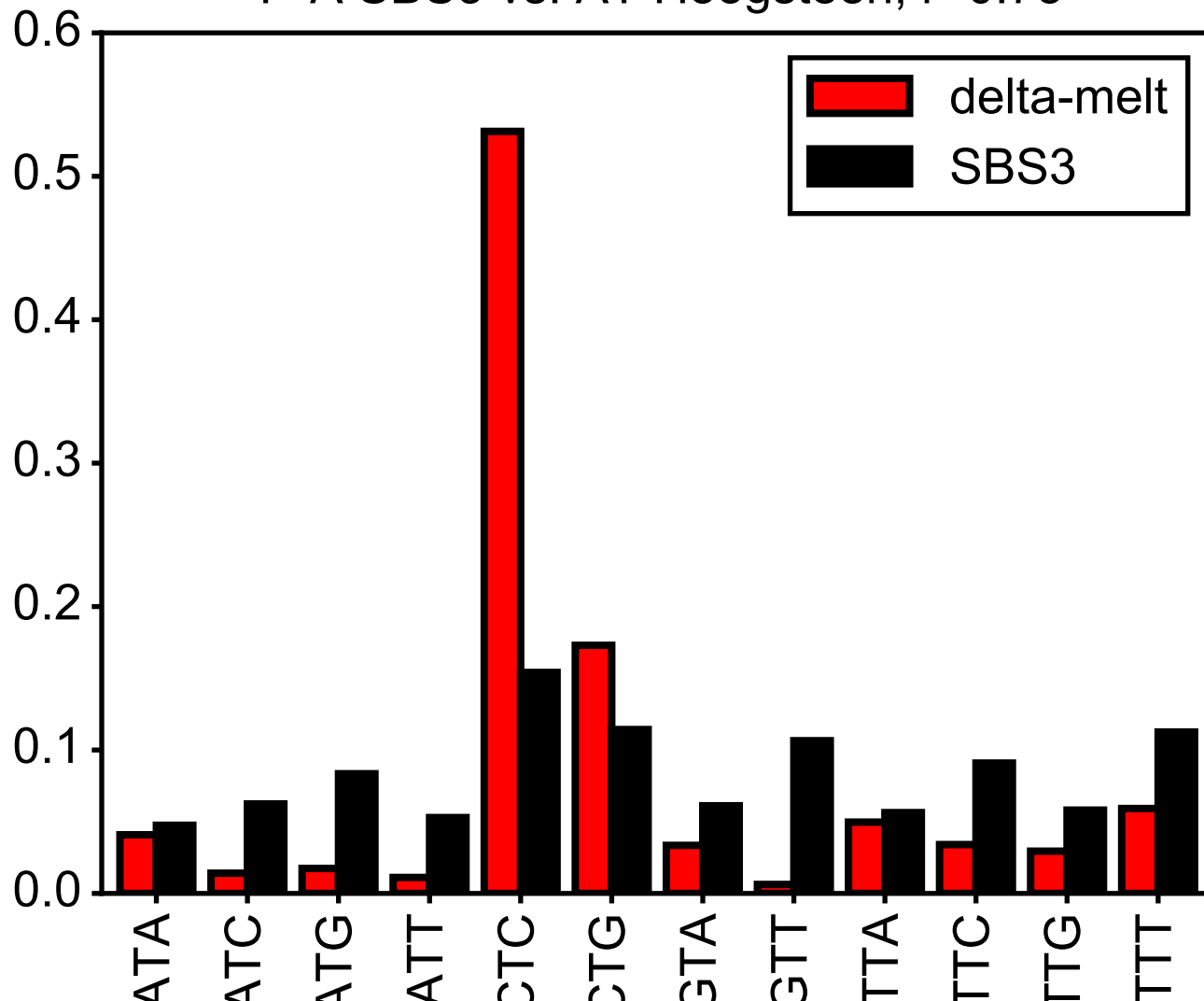
T>C SBS3 vs. AT Hoogsteen, $r=0.21$



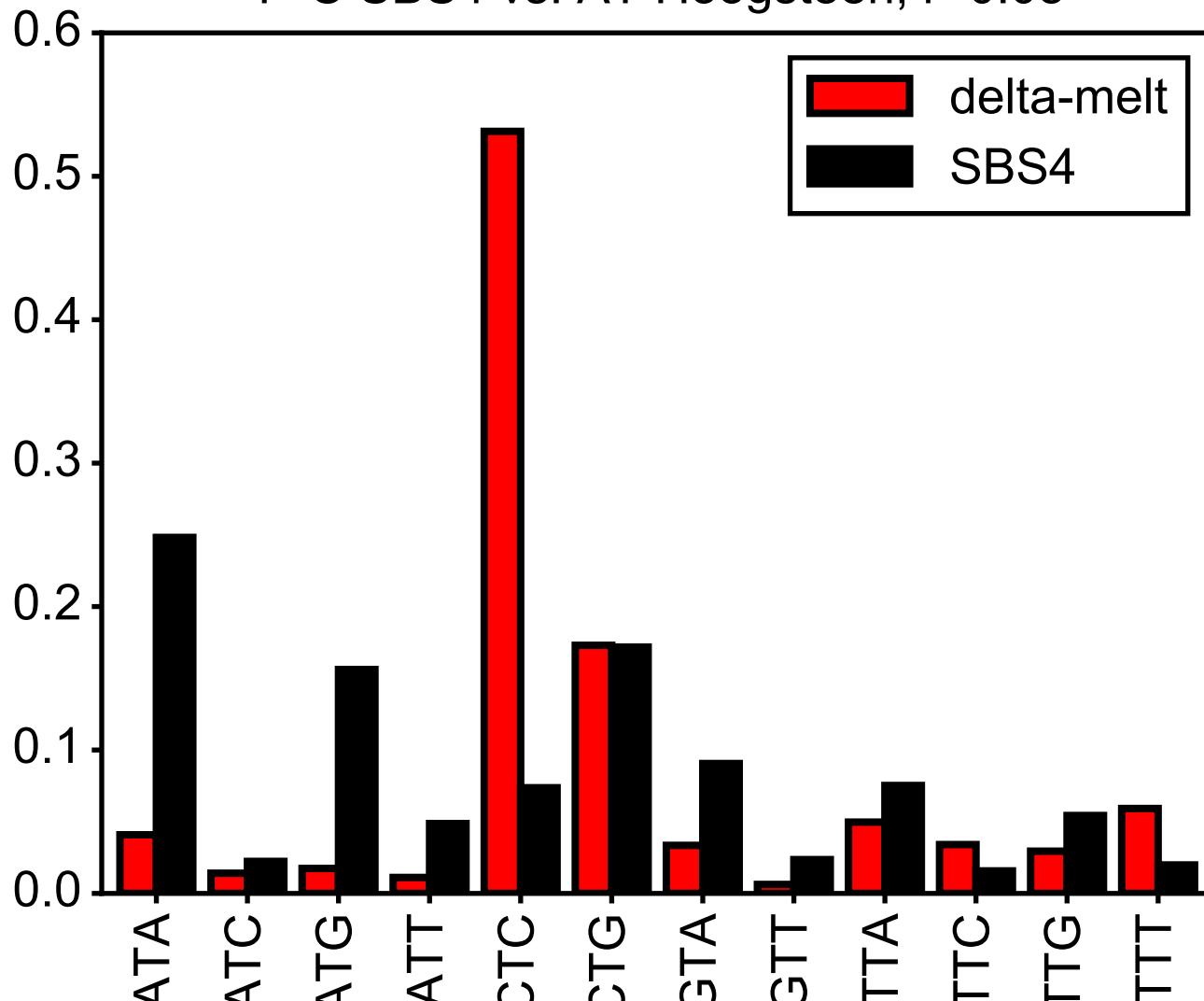
T>G SBS3 vs. AT Hoogsteen, $r=0.28$



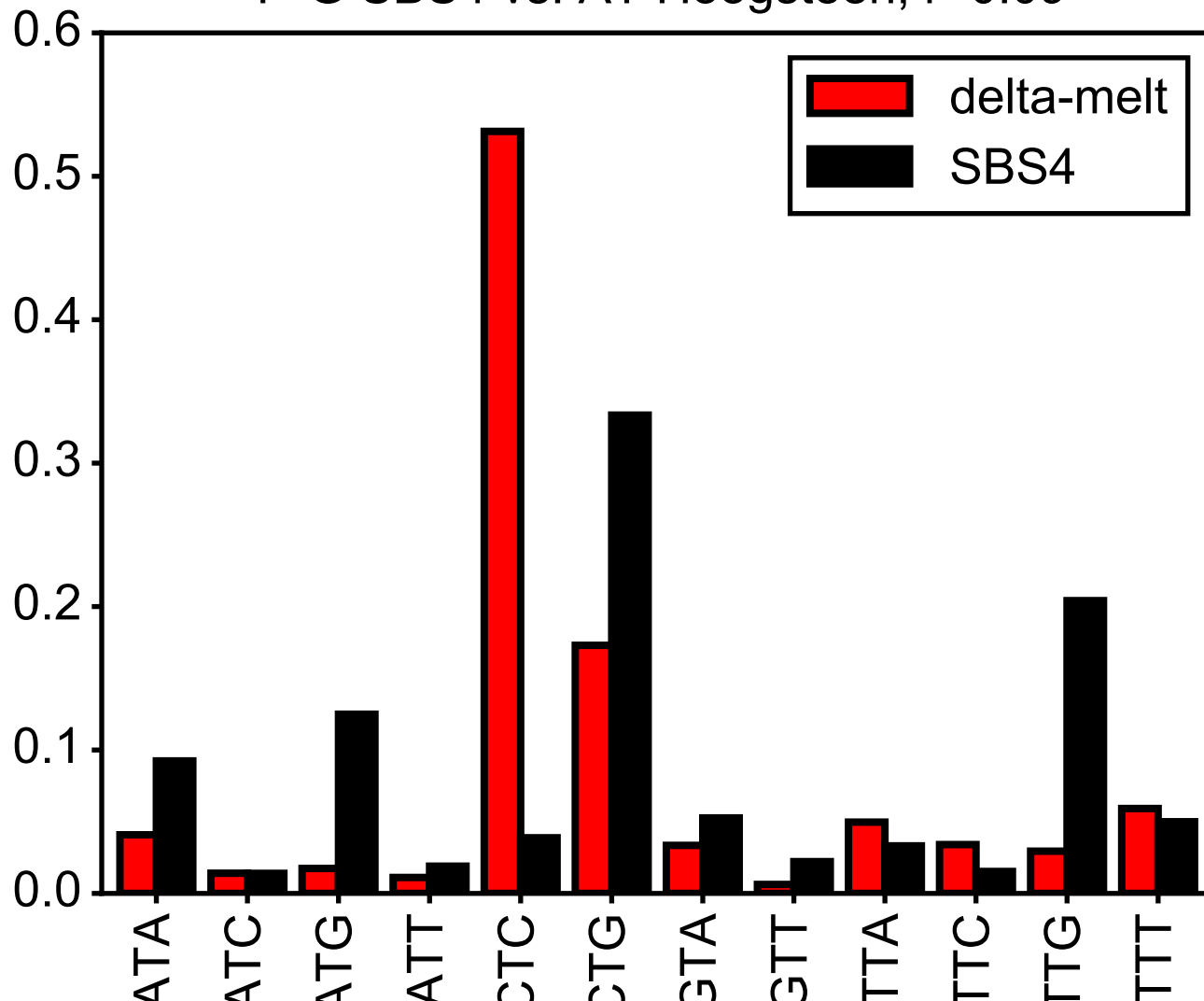
T>A SBS3 vs. AT Hoogsteen, $r=0.75$



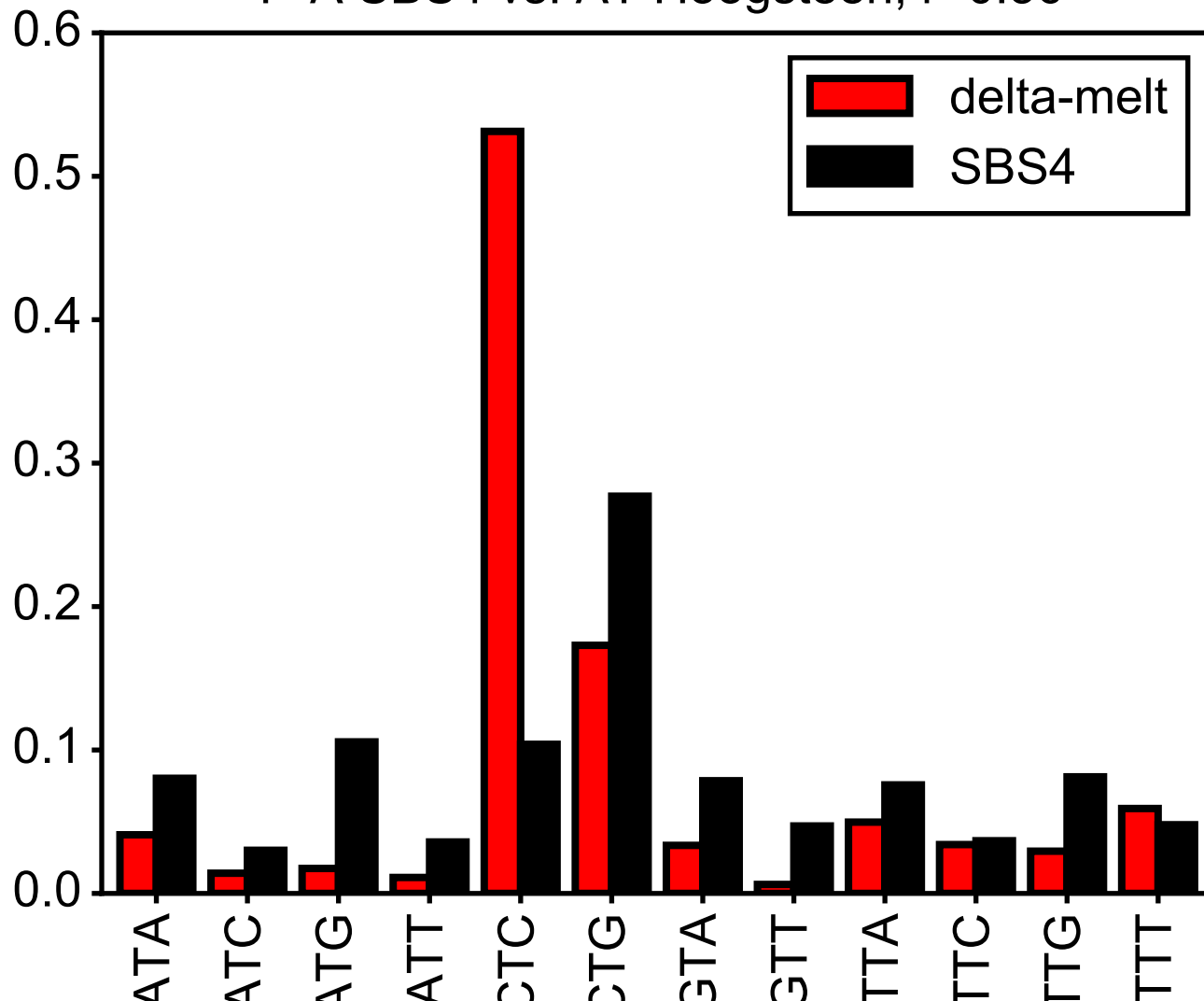
T>C SBS4 vs. AT Hoogsteen, $r=0.08$



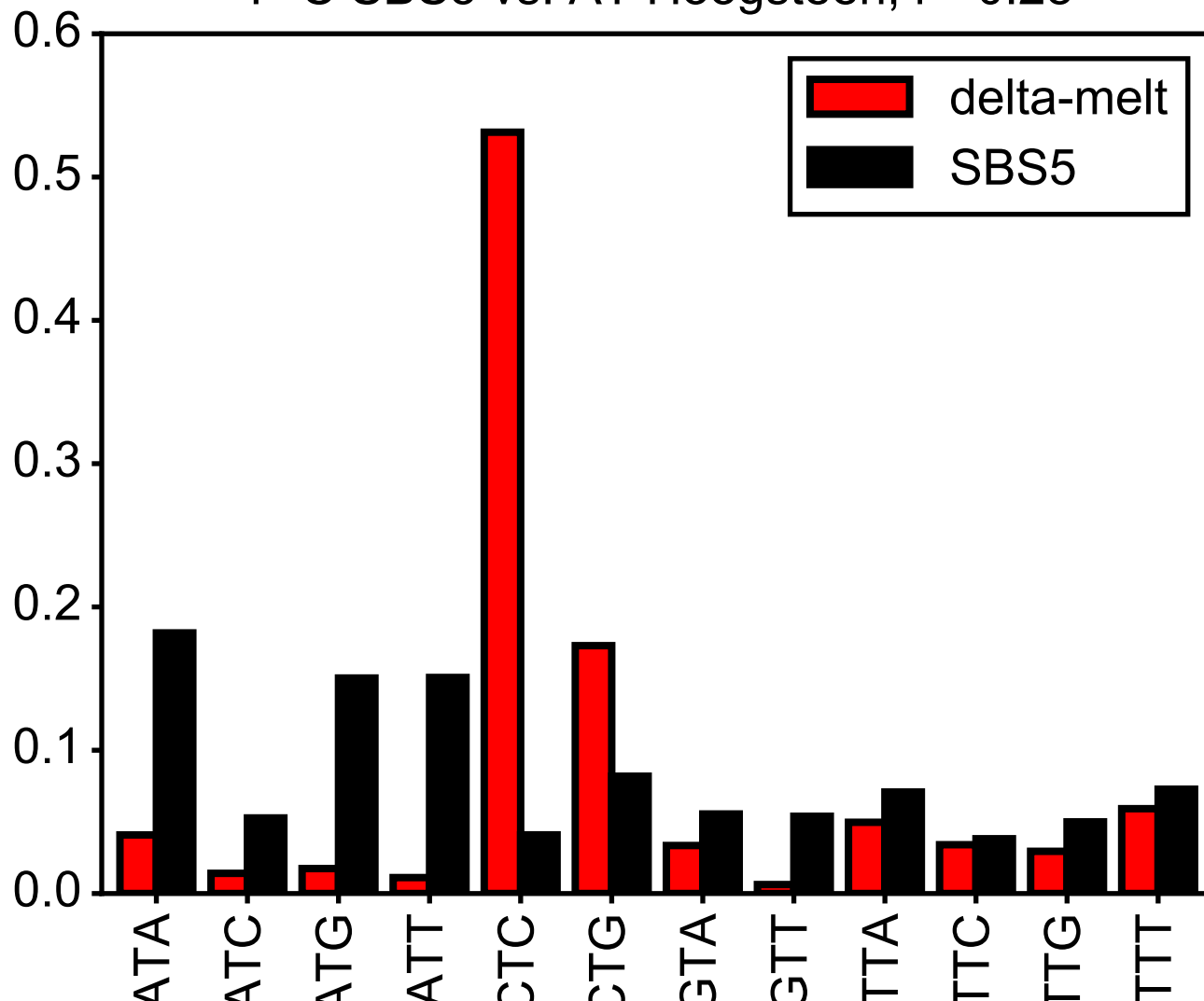
T>G SBS4 vs. AT Hoogsteen, $r=0.09$



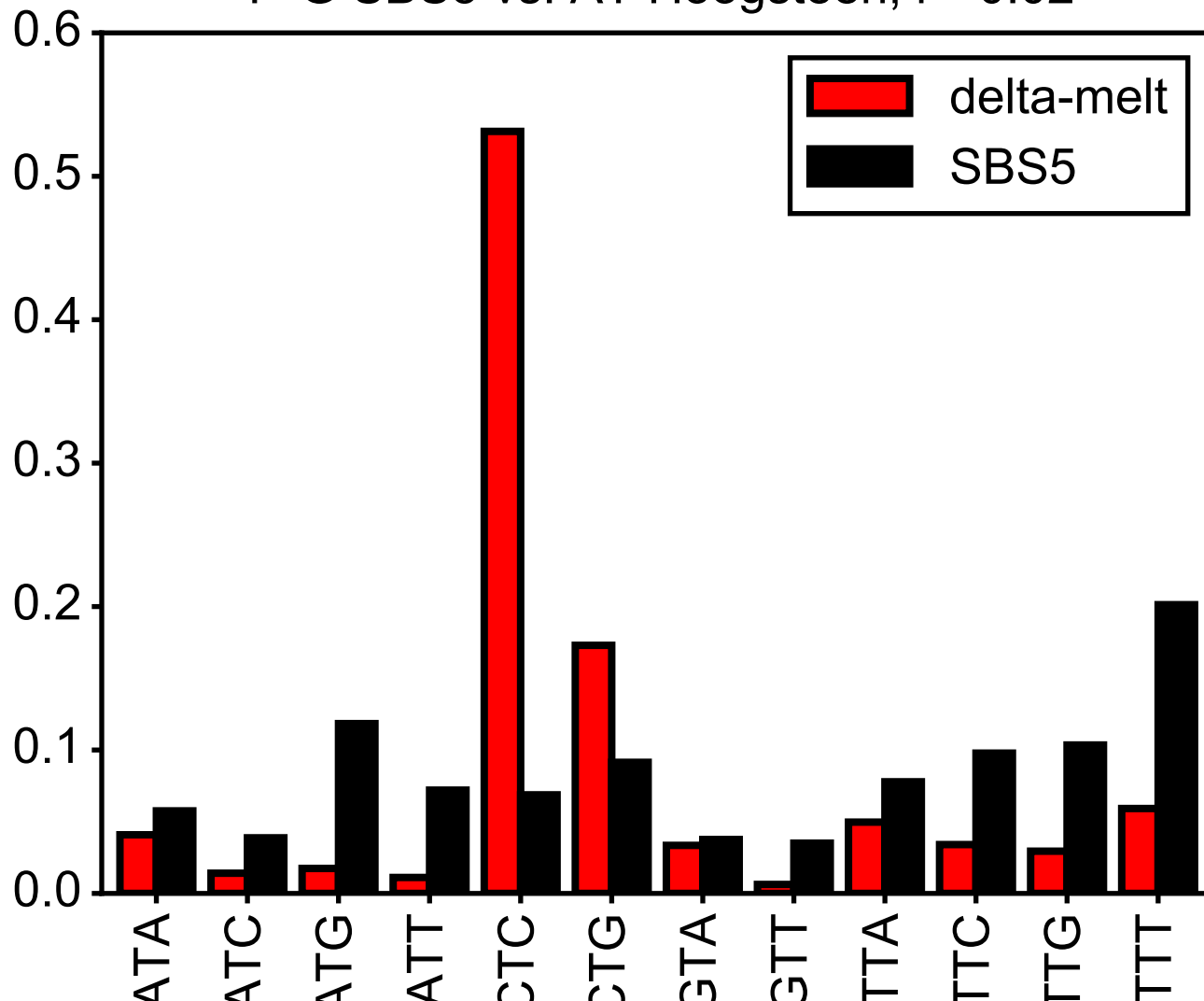
T>A SBS4 vs. AT Hoogsteen, $r=0.36$



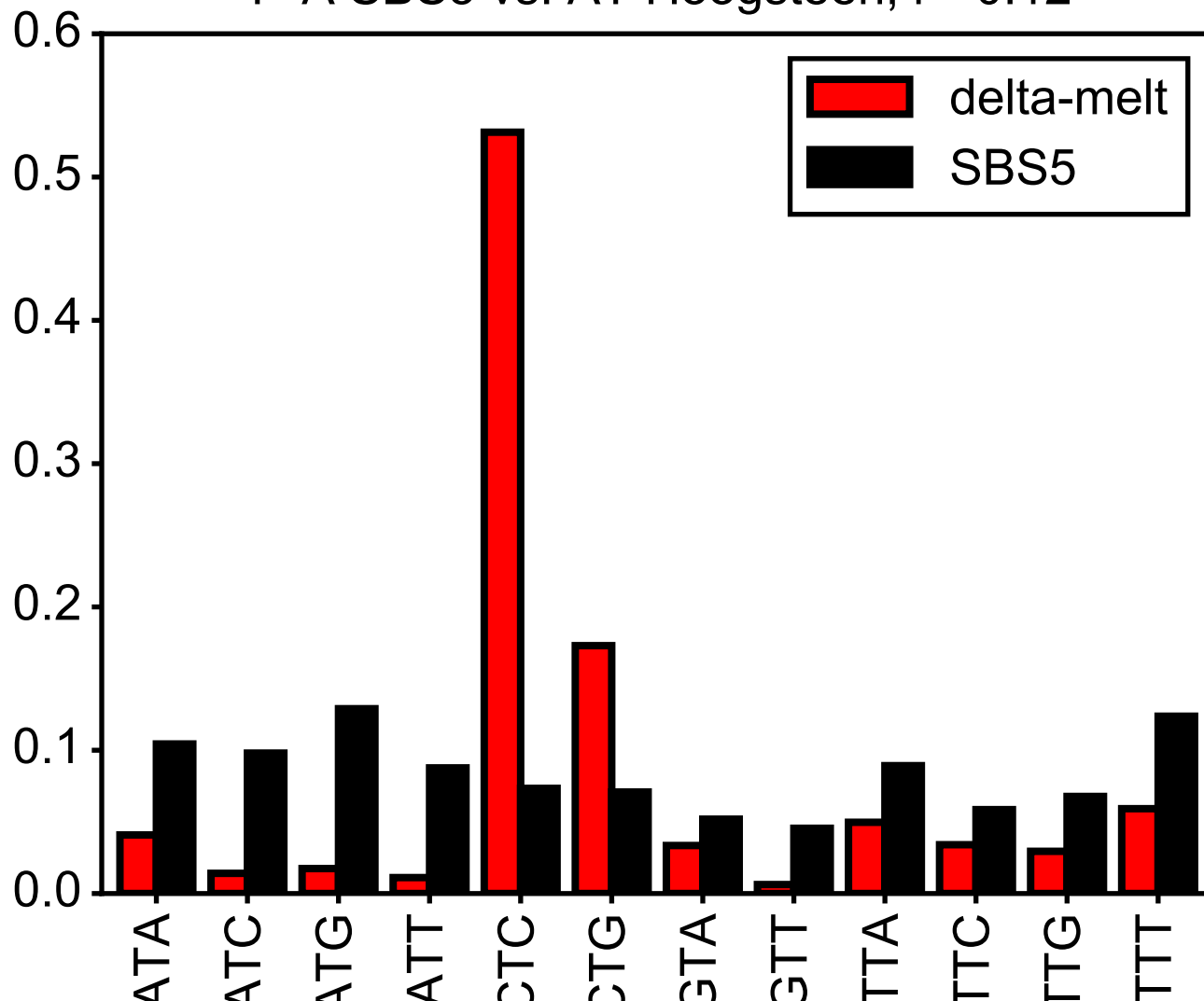
T>C SBS5 vs. AT Hoogsteen, $r=-0.28$



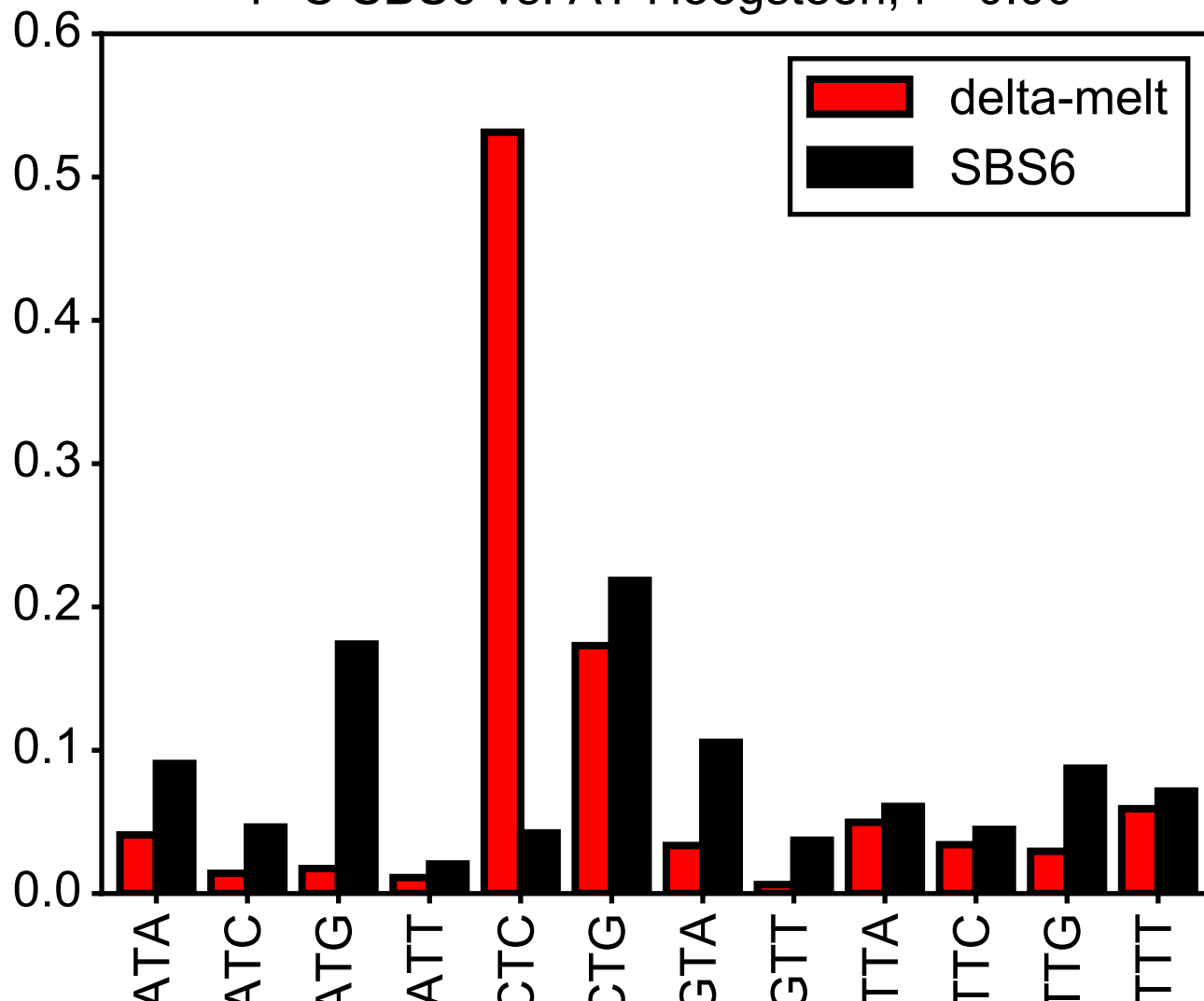
T>G SBS5 vs. AT Hoogsteen, $r=-0.02$



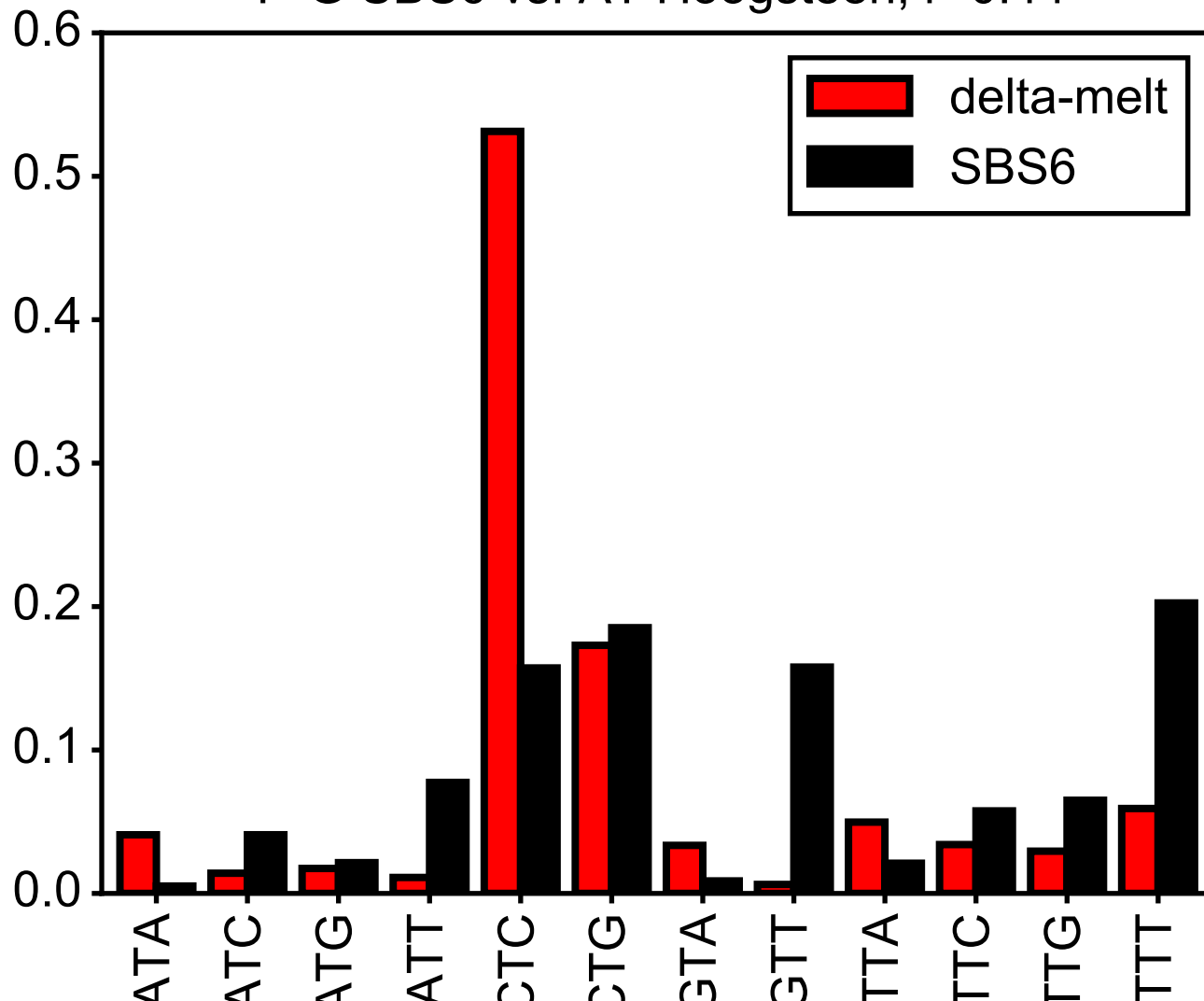
T>A SBS5 vs. AT Hoogsteen, $r=-0.12$



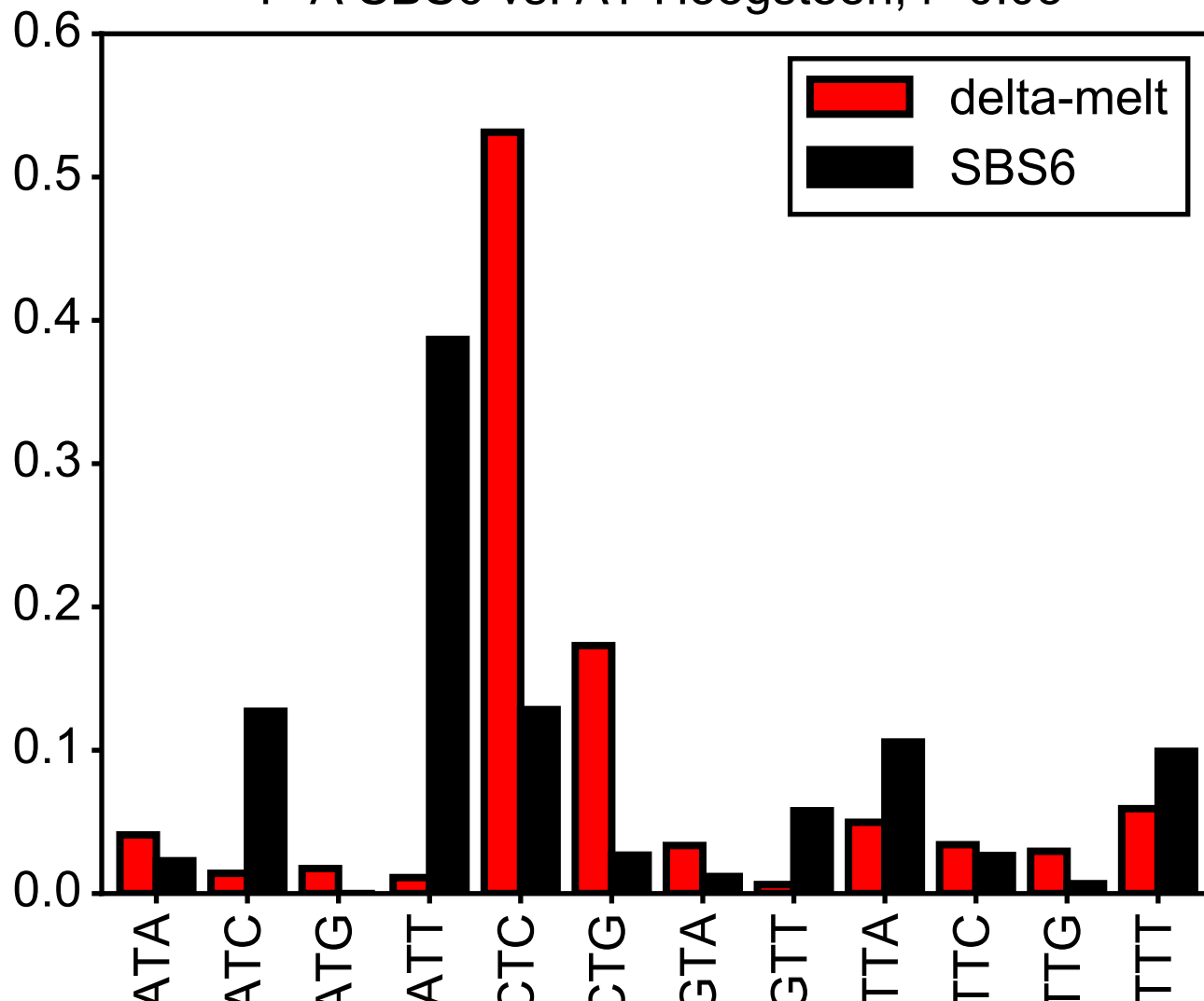
T>C SBS6 vs. AT Hoogsteen, $r=-0.00$



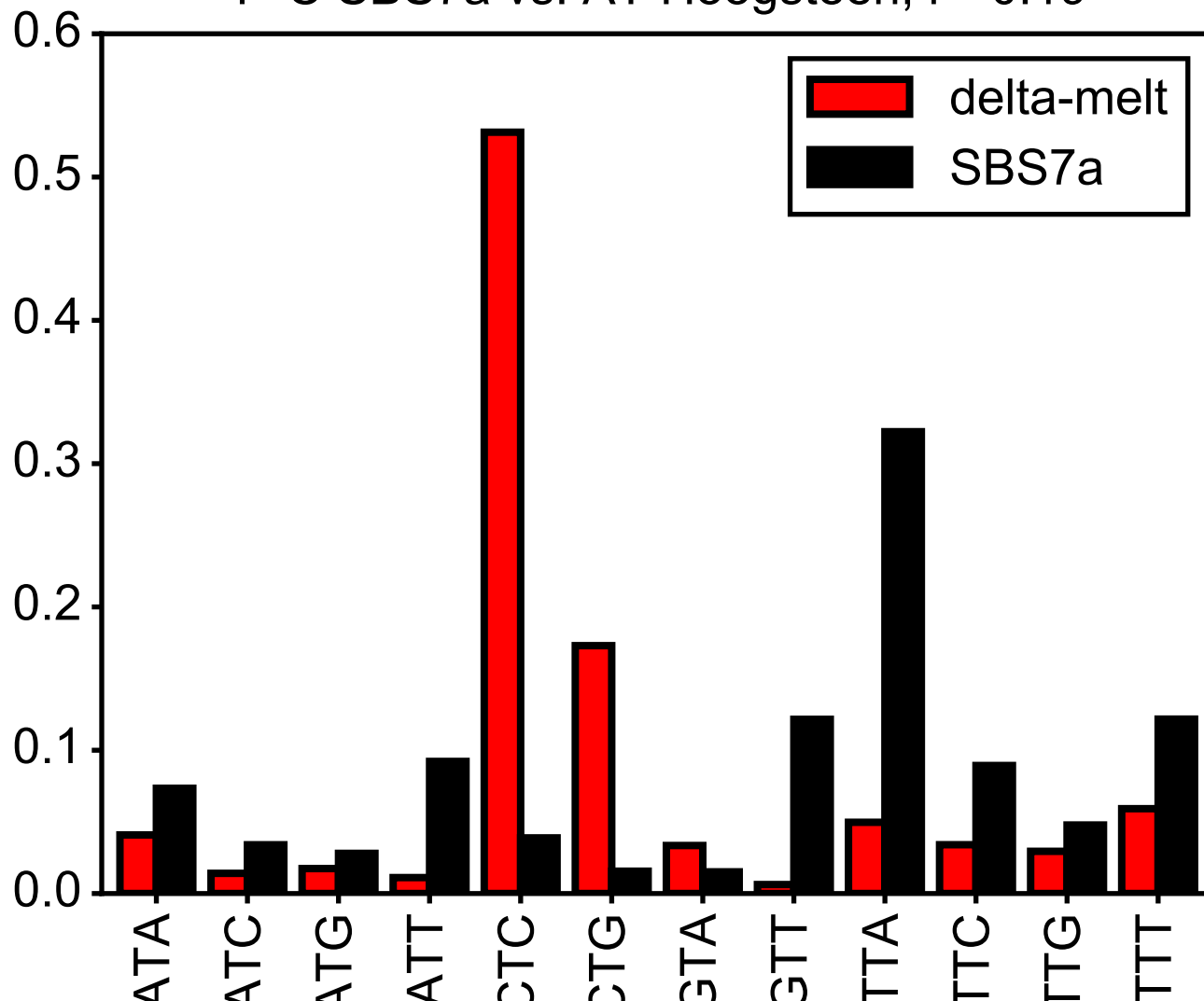
T>G SBS6 vs. AT Hoogsteen, $r=0.44$



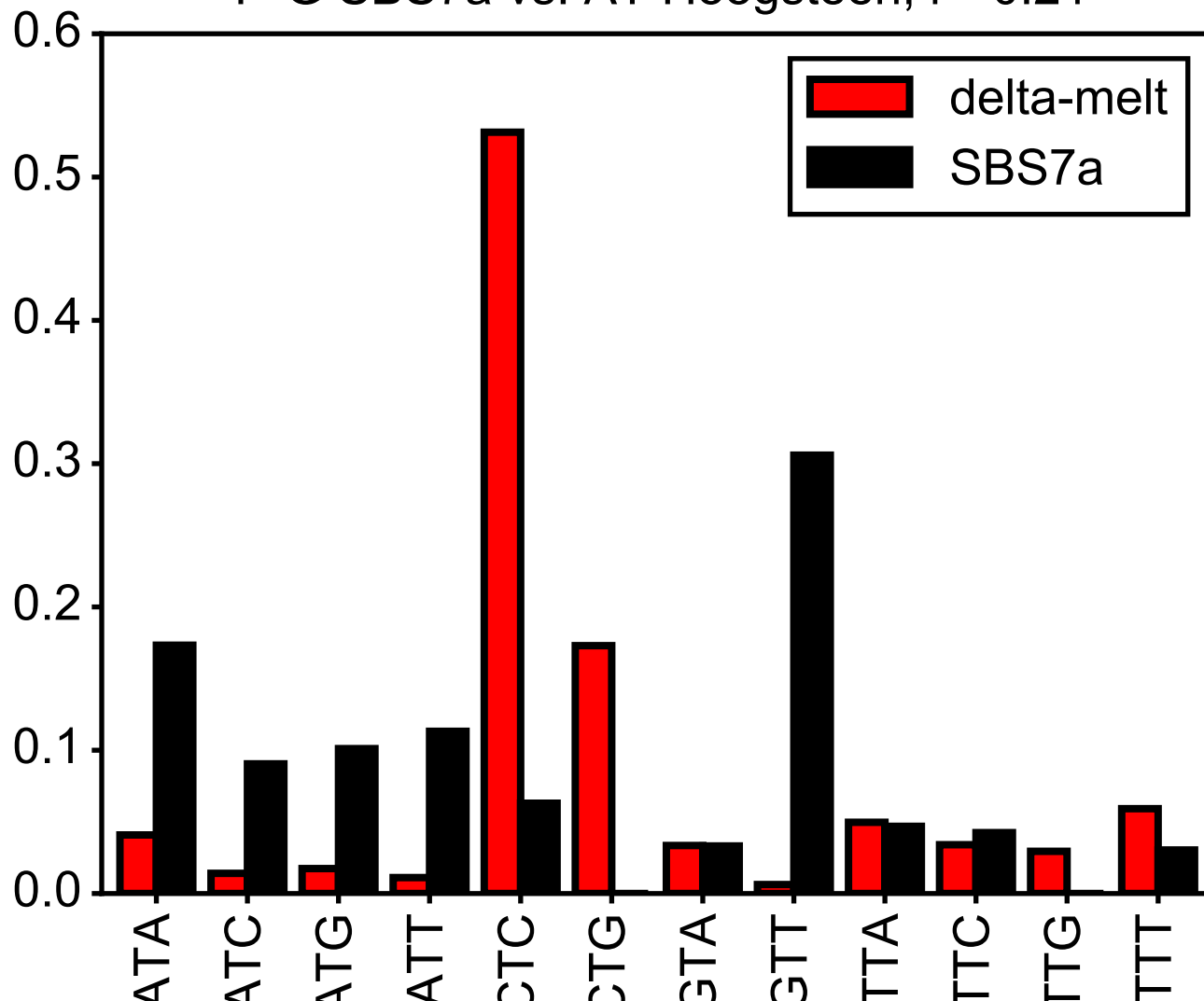
T>A SBS6 vs. AT Hoogsteen, $r=0.05$



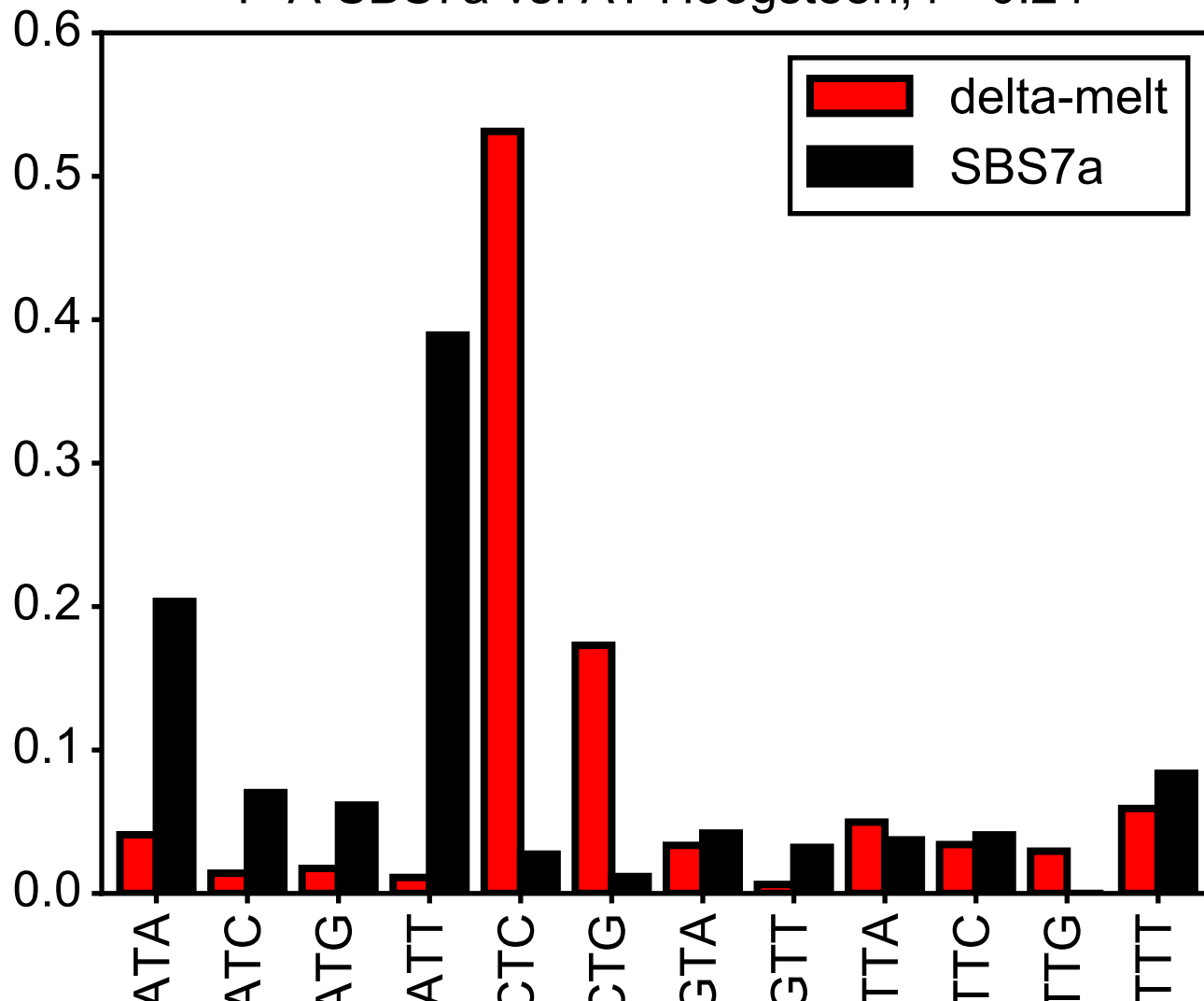
T>C SBS7a vs. AT Hoogsteen, $r=-0.19$



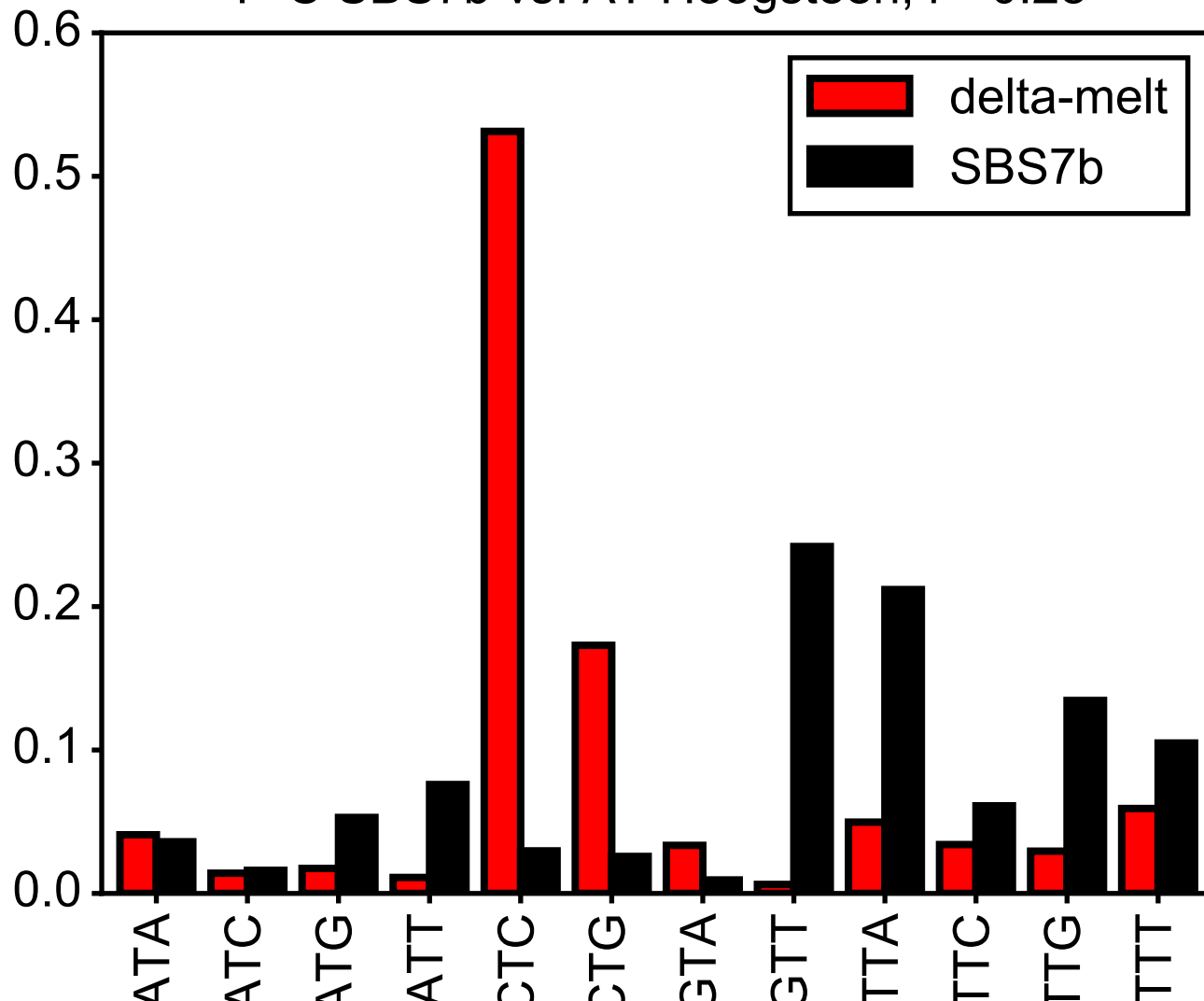
T>G SBS7a vs. AT Hoogsteen, $r=-0.21$



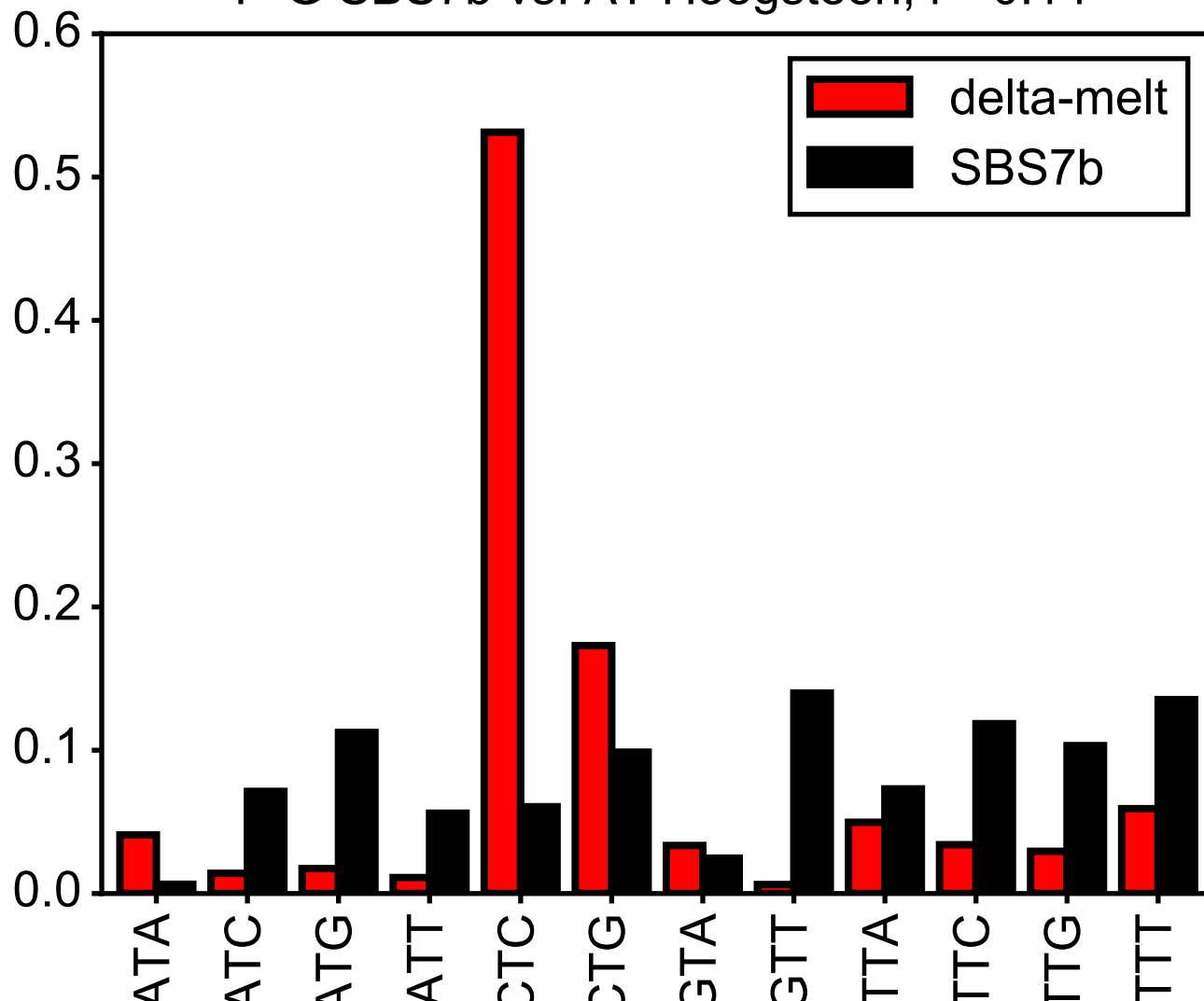
T>A SBS7a vs. AT Hoogsteen, $r=-0.24$



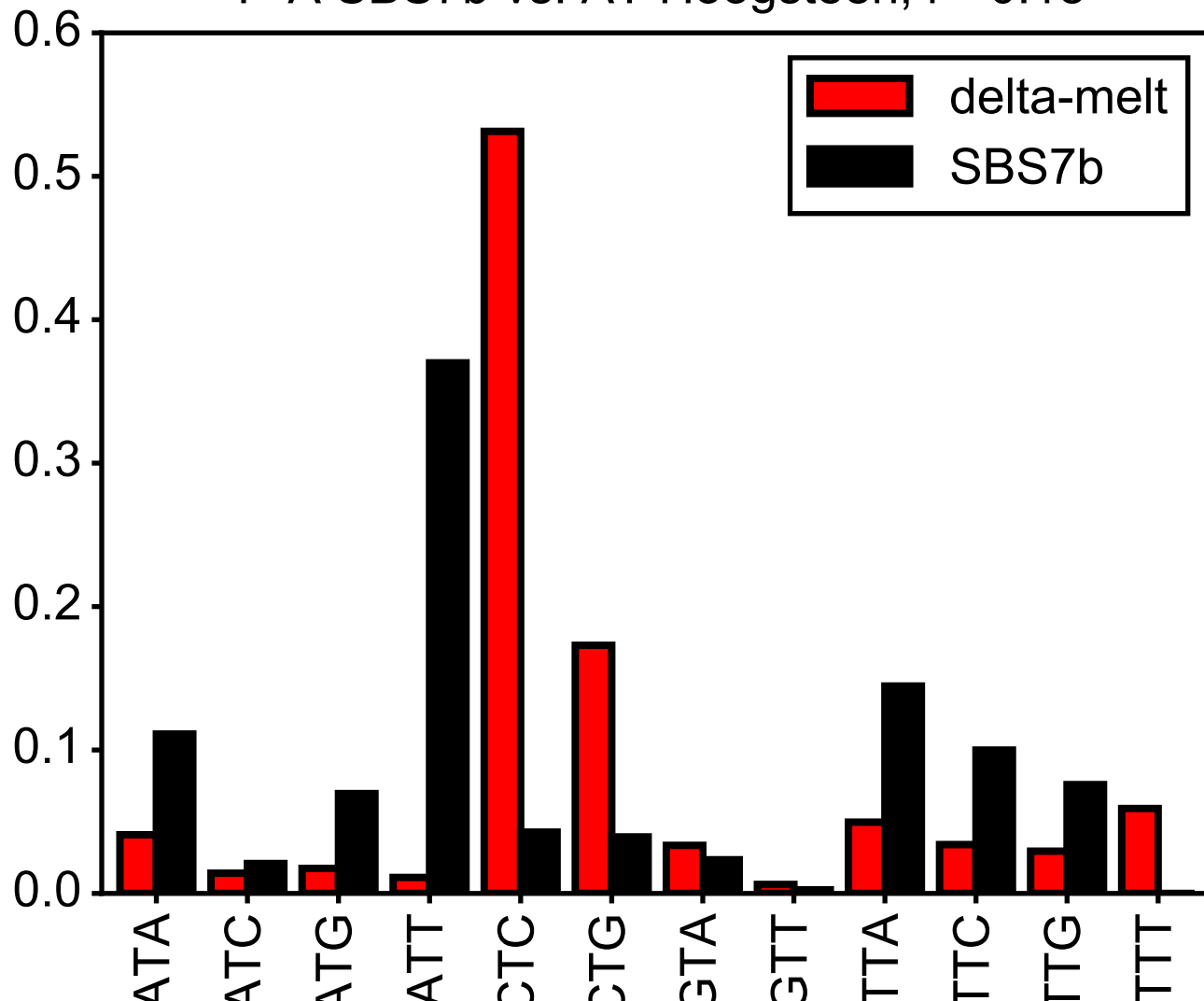
T>C SBS7b vs. AT Hoogsteen, $r=-0.28$



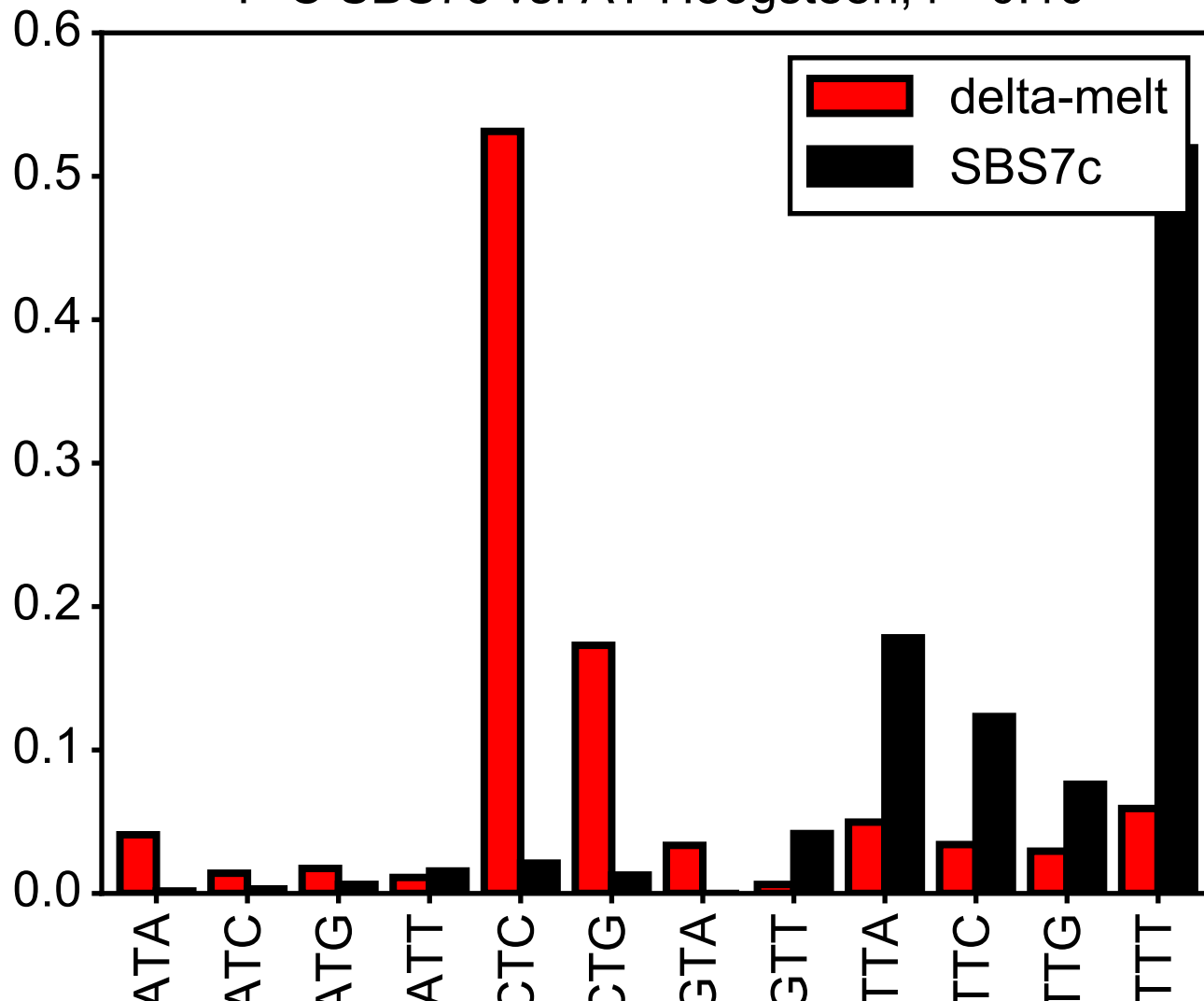
T>G SBS7b vs. AT Hoogsteen, $r=-0.14$



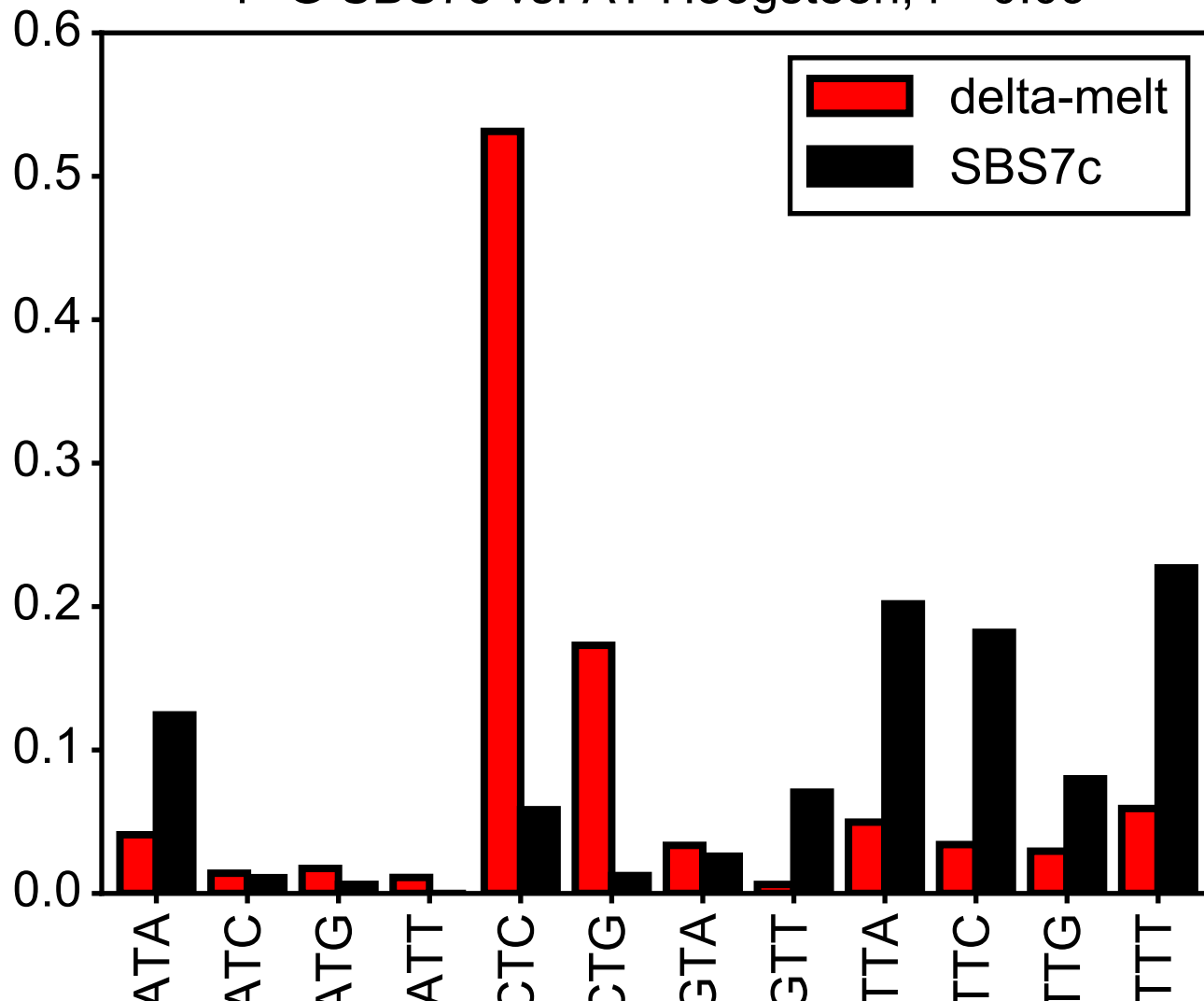
T>A SBS7b vs. AT Hoogsteen, $r=-0.18$



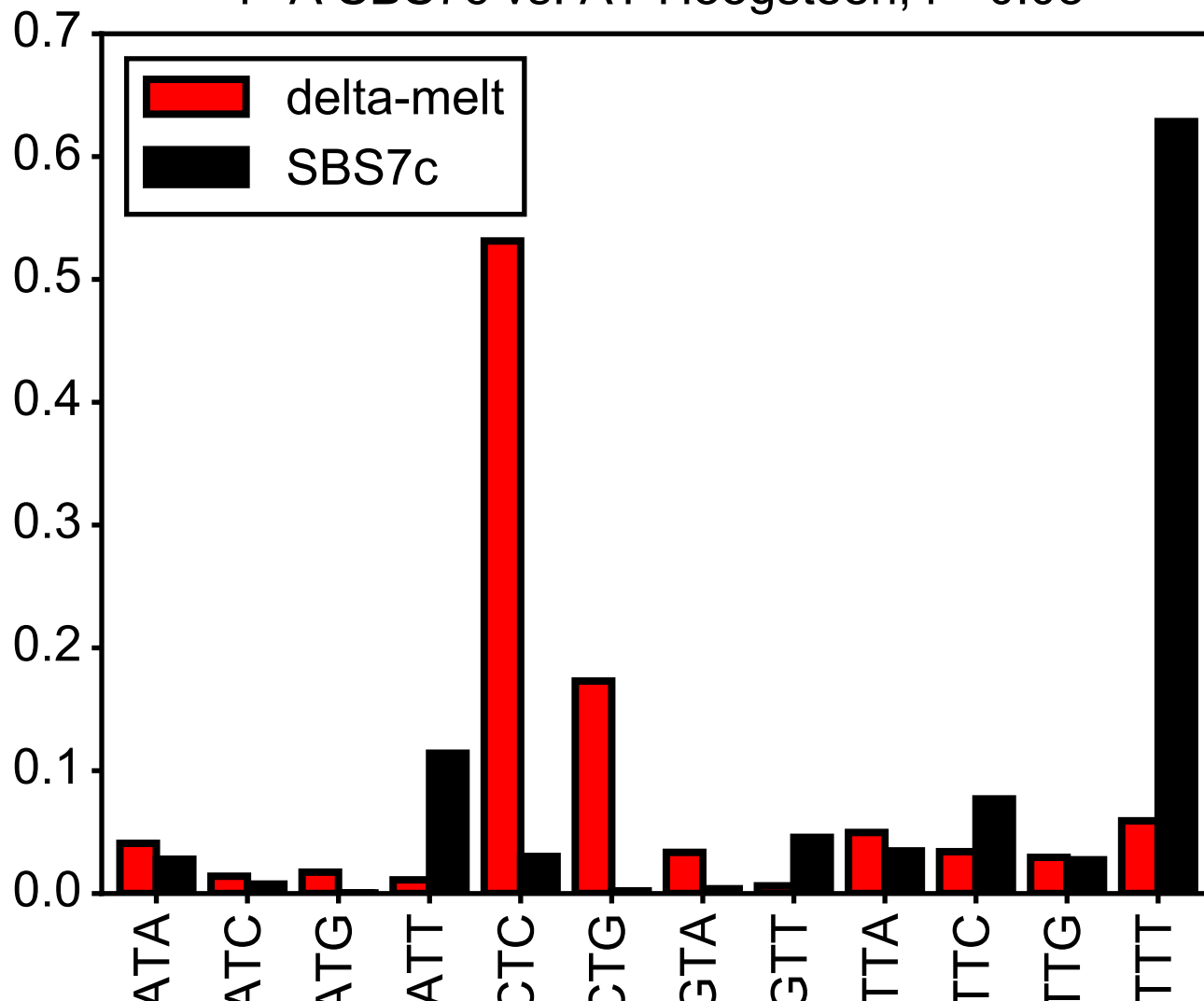
T>C SBS7c vs. AT Hoogsteen, $r=-0.10$



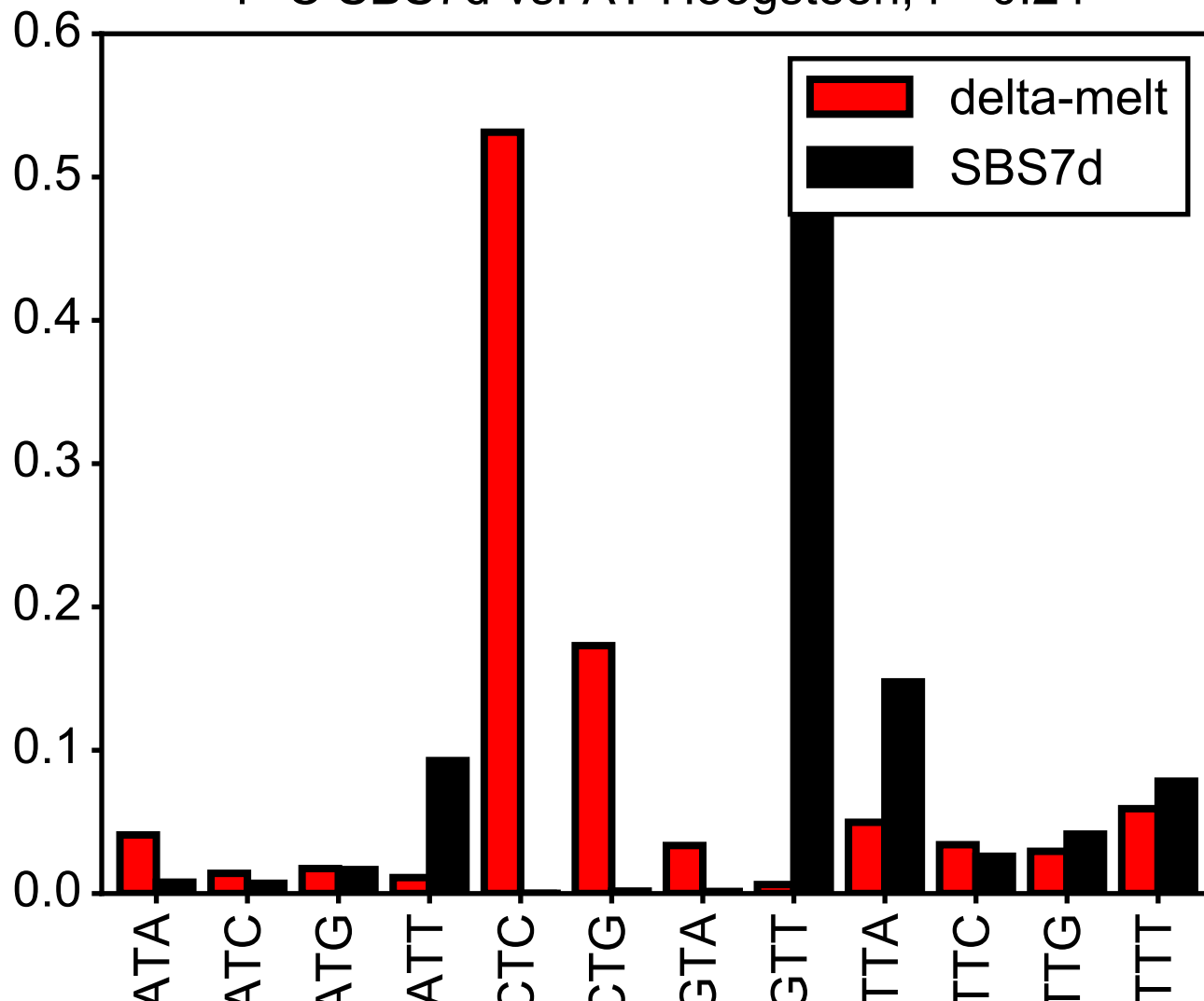
T>G SBS7c vs. AT Hoogsteen, $r=-0.09$



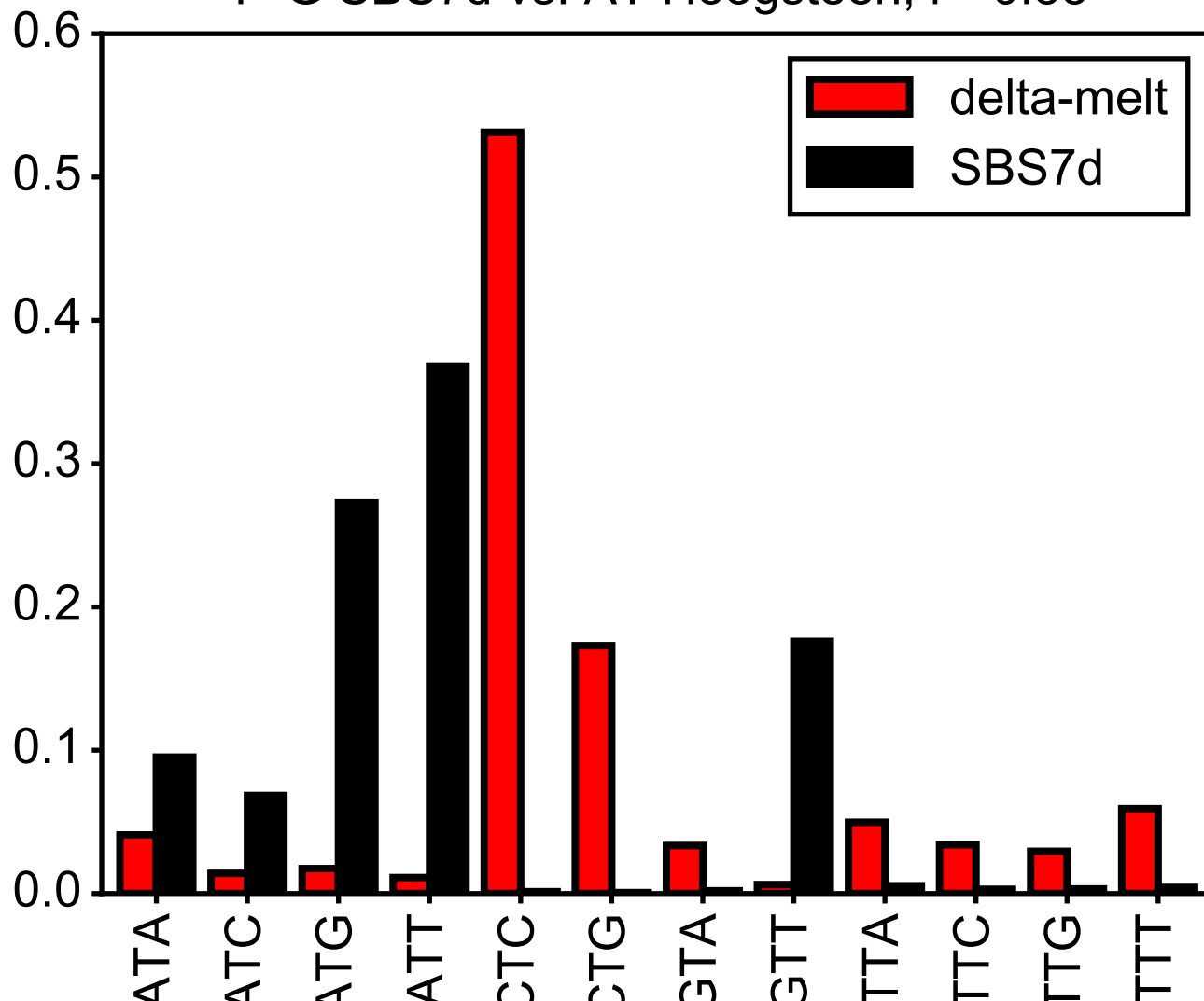
T>A SBS7c vs. AT Hoogsteen, $r=-0.08$



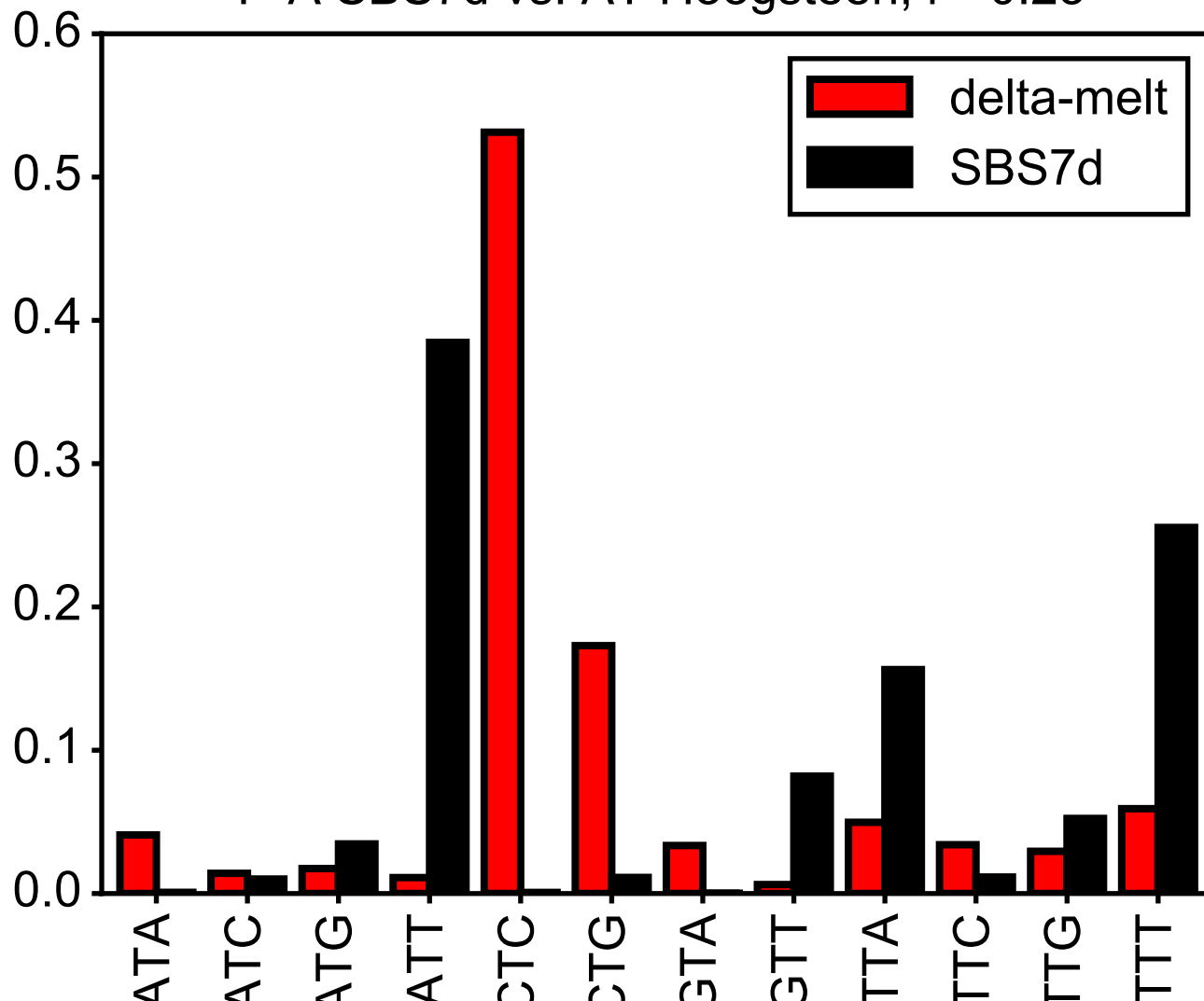
T>C SBS7d vs. AT Hoogsteen, $r=-0.24$



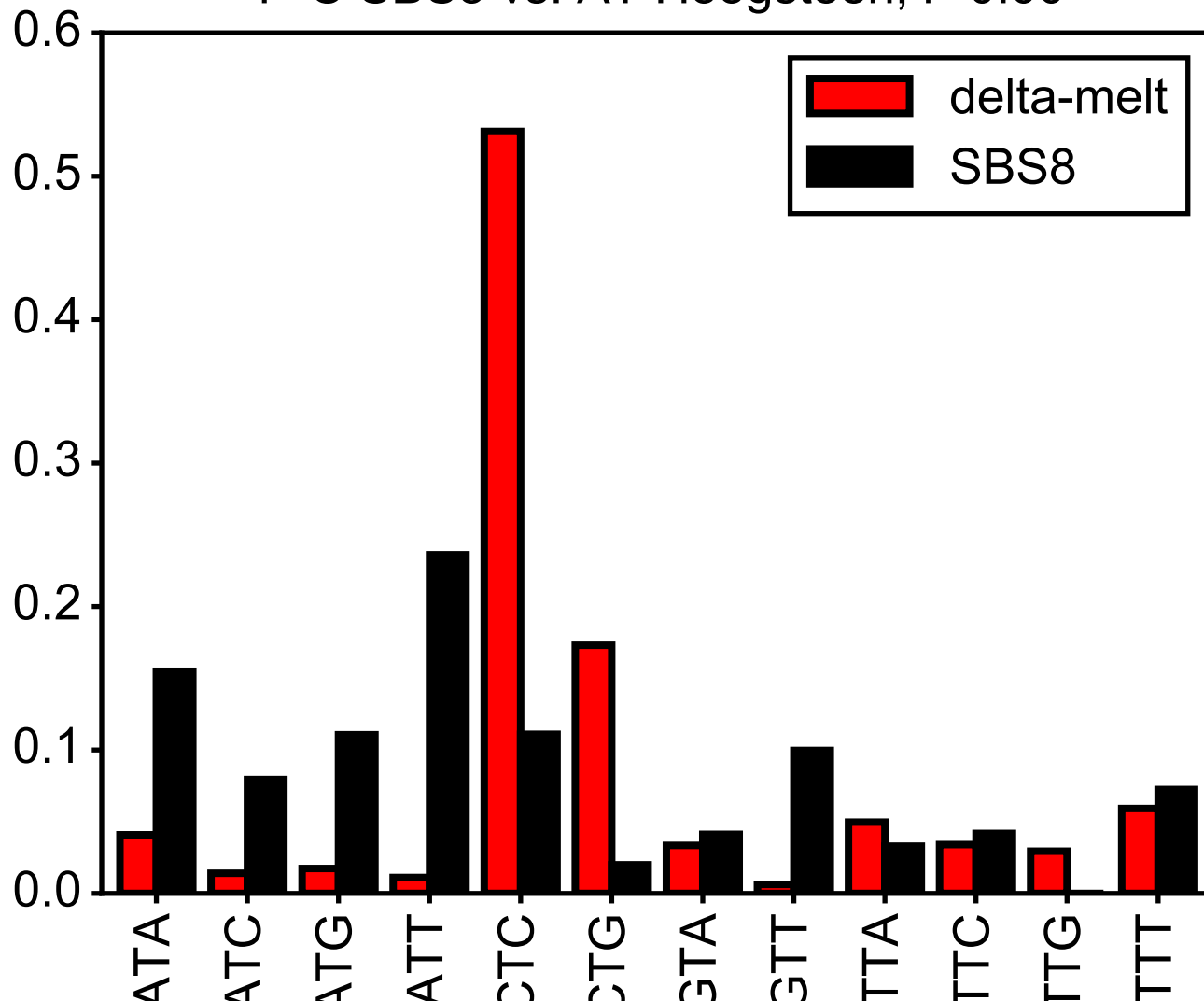
T>G SBS7d vs. AT Hoogsteen, $r=-0.33$



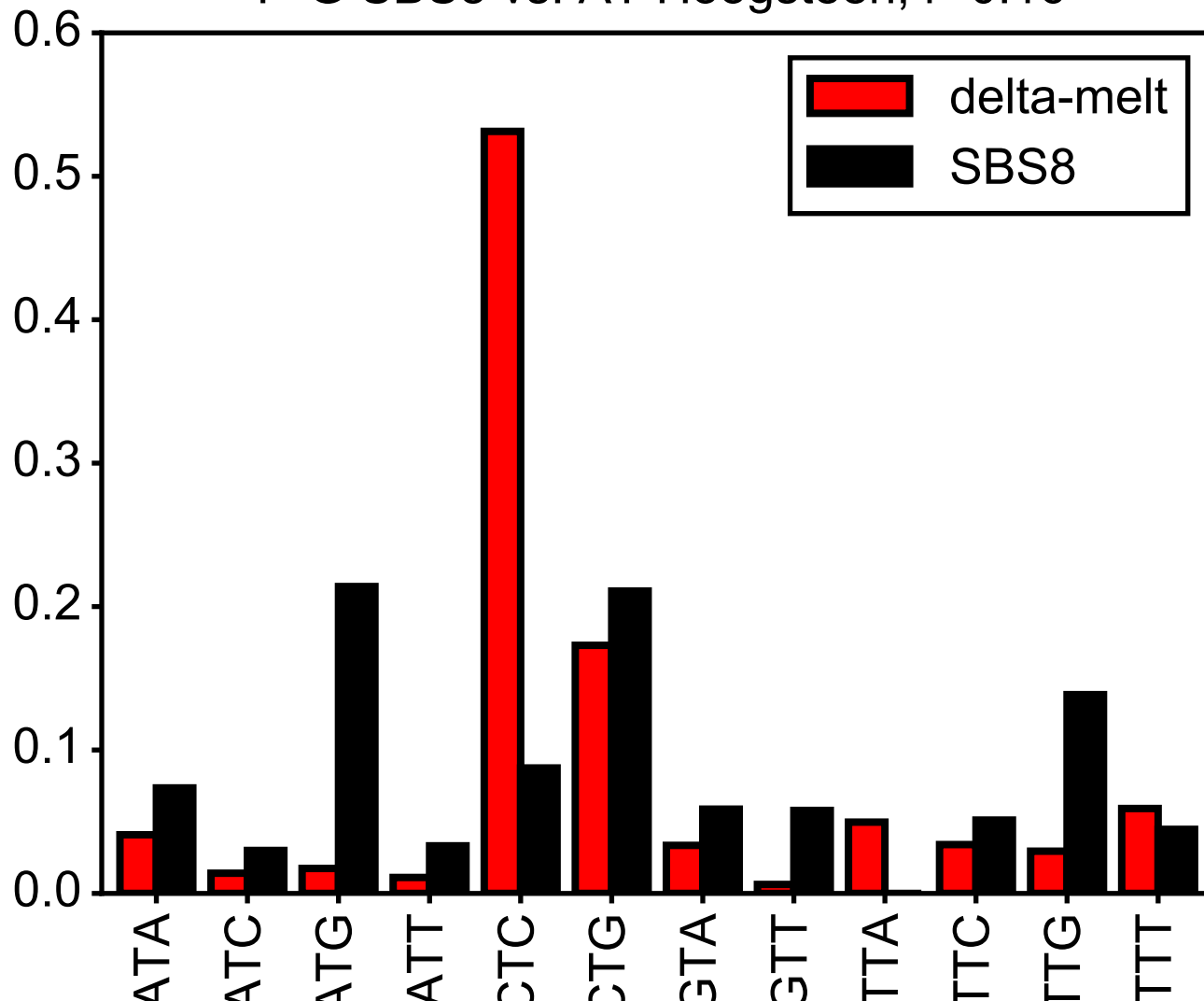
T>A SBS7d vs. AT Hoogsteen, $r=-0.25$



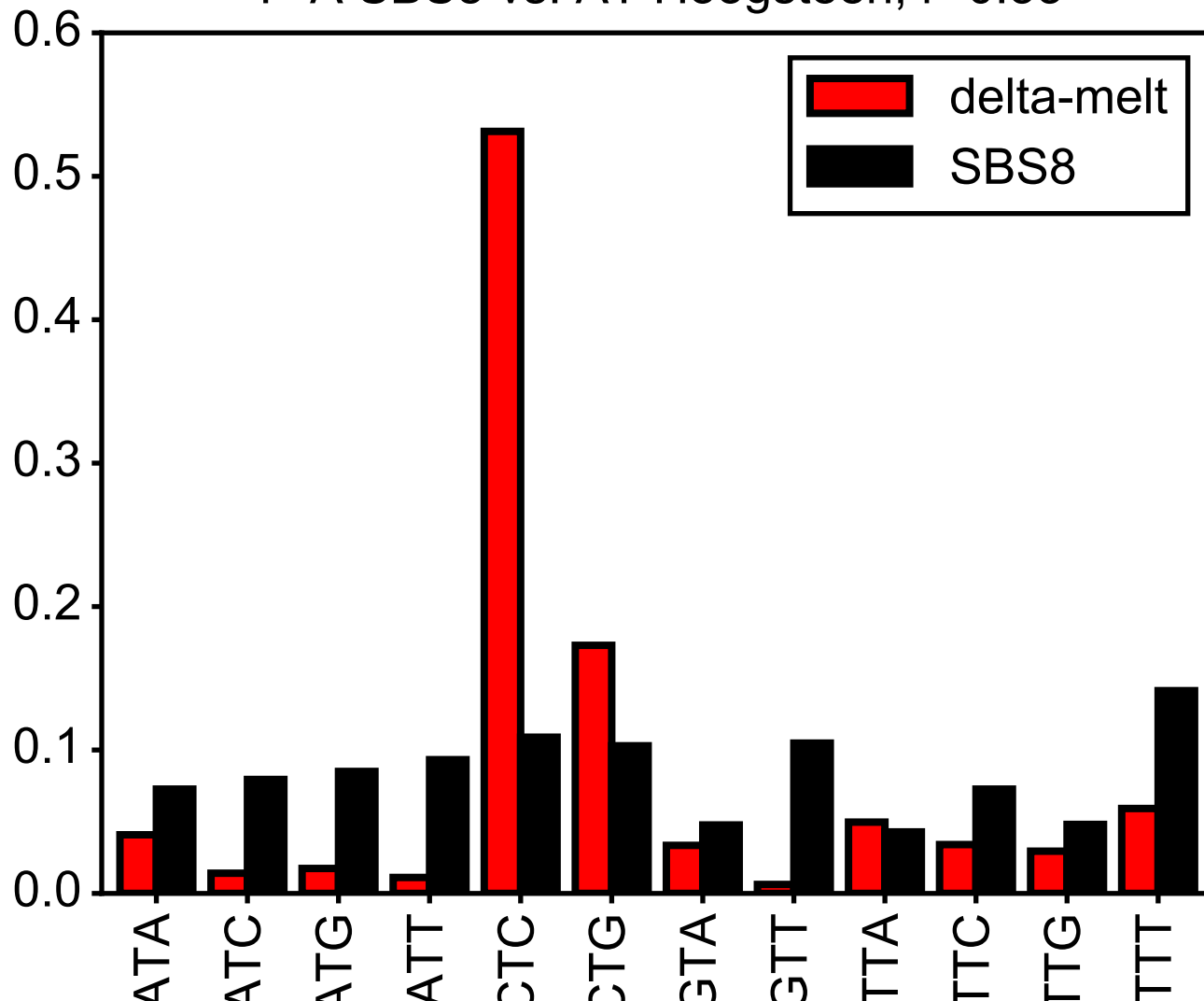
T>C SBS8 vs. AT Hoogsteen, $r=0.00$



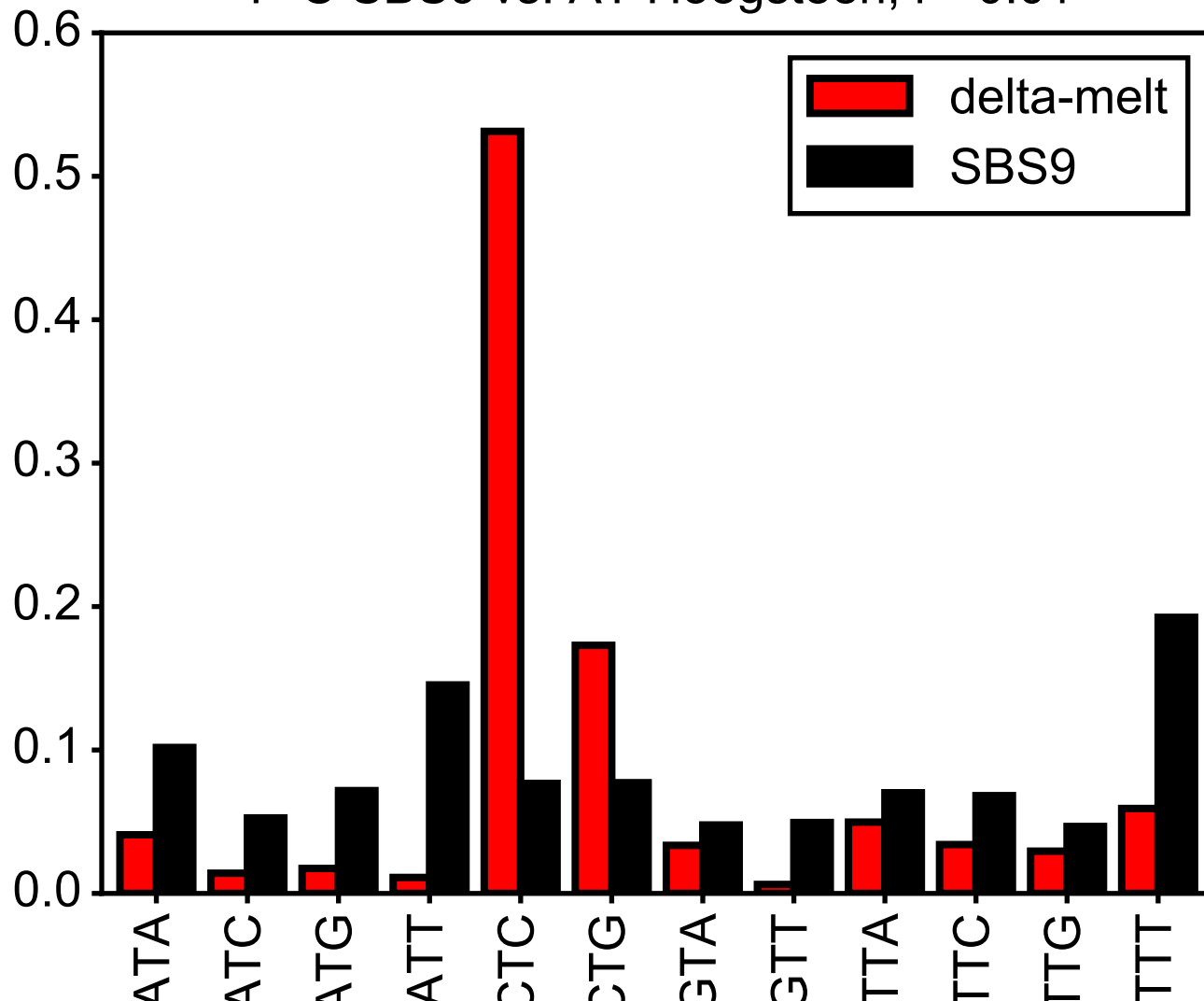
T>G SBS8 vs. AT Hoogsteen, $r=0.16$



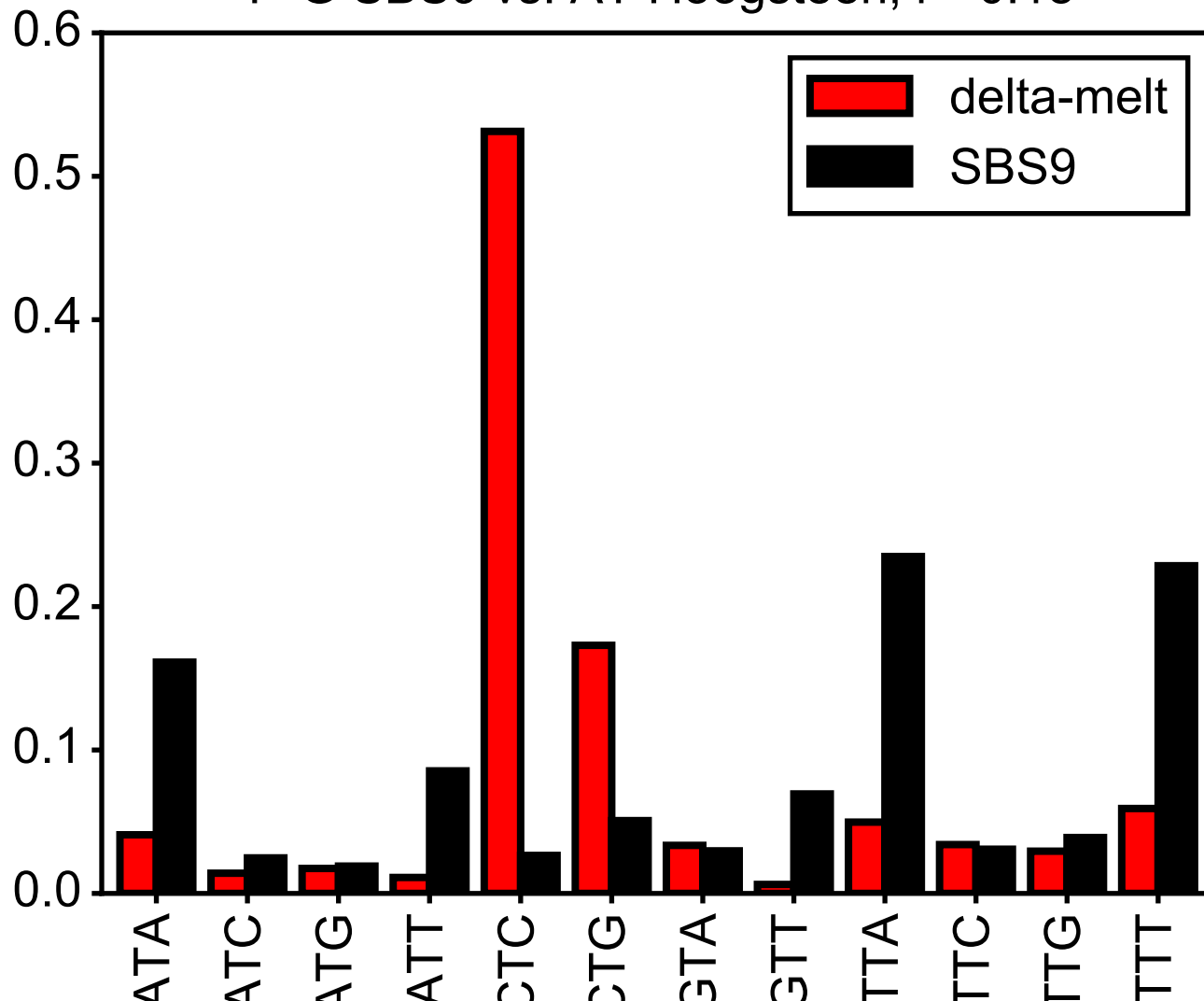
T>A SBS8 vs. AT Hoogsteen, $r=0.33$



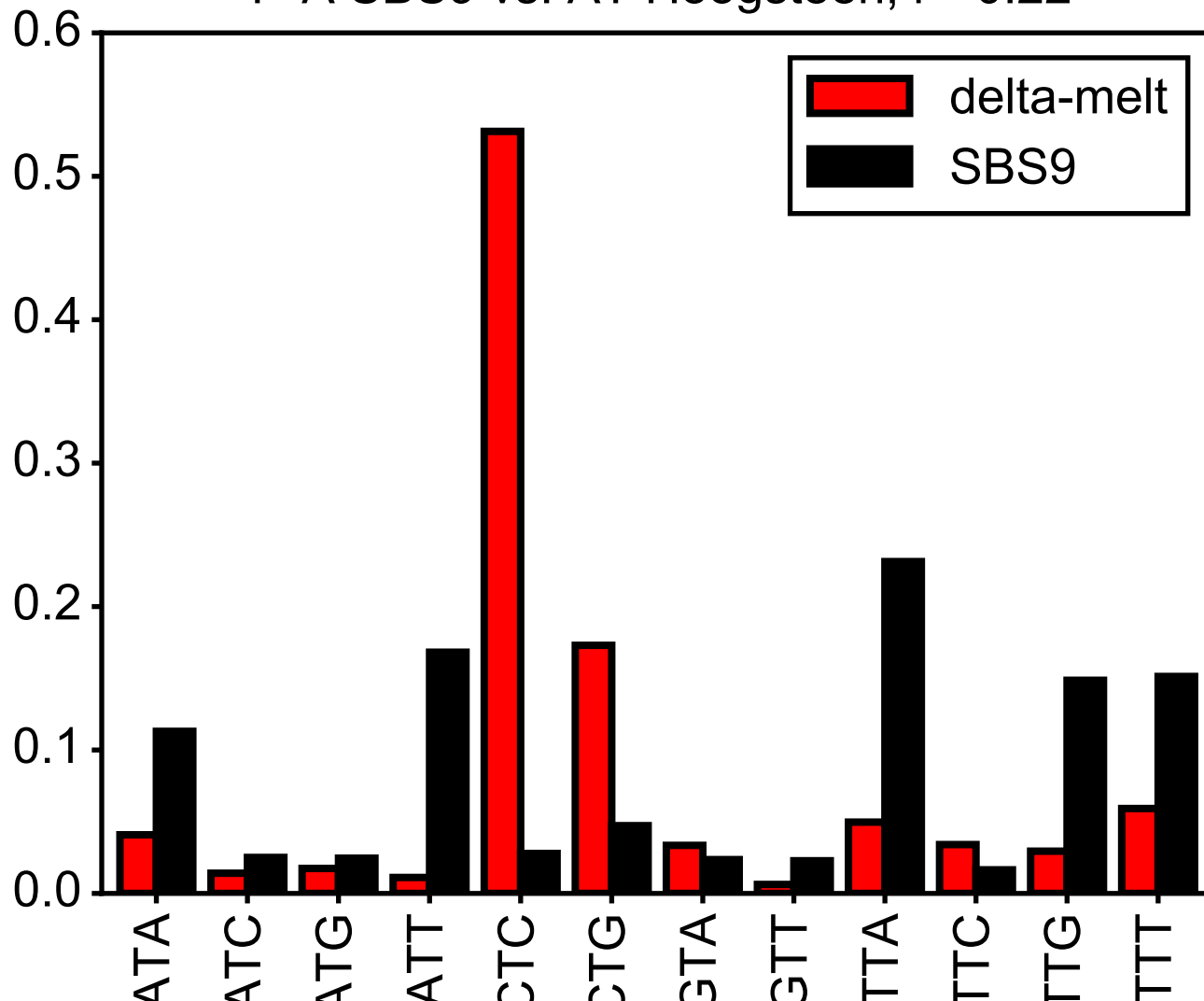
T>C SBS9 vs. AT Hoogsteen, $r=-0.01$



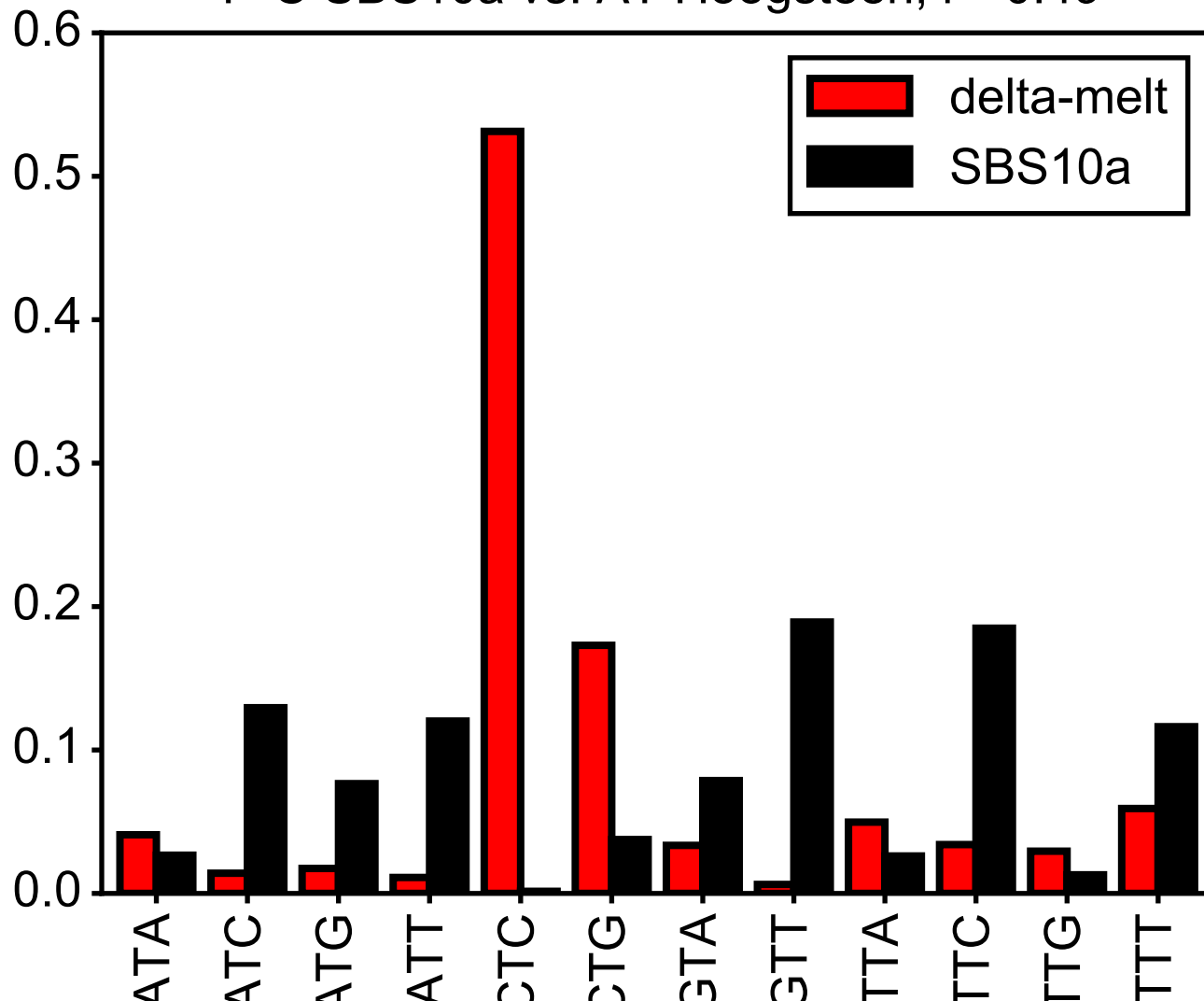
T>G SBS9 vs. AT Hoogsteen, $r=-0.18$



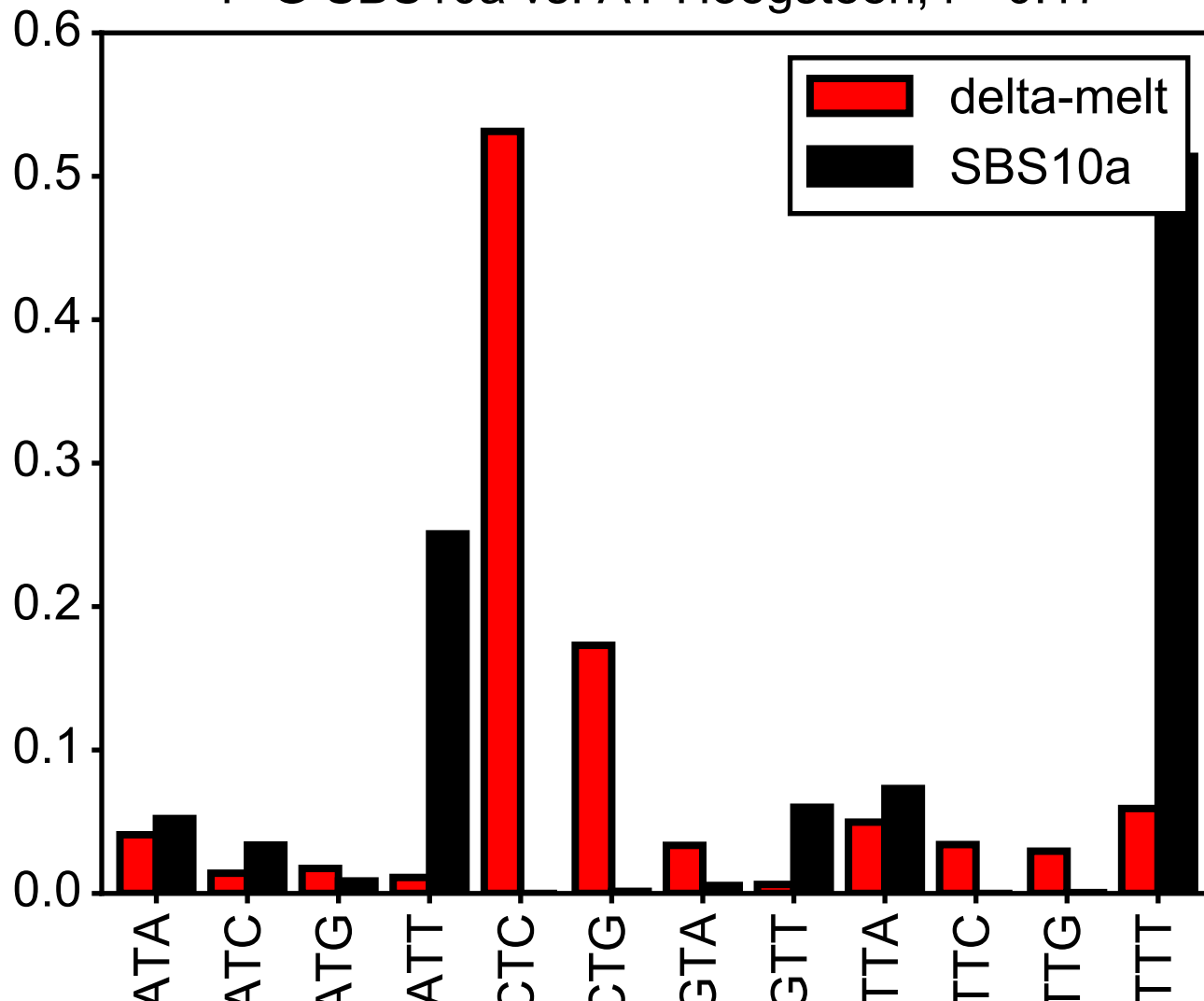
T>A SBS9 vs. AT Hoogsteen, $r=-0.22$



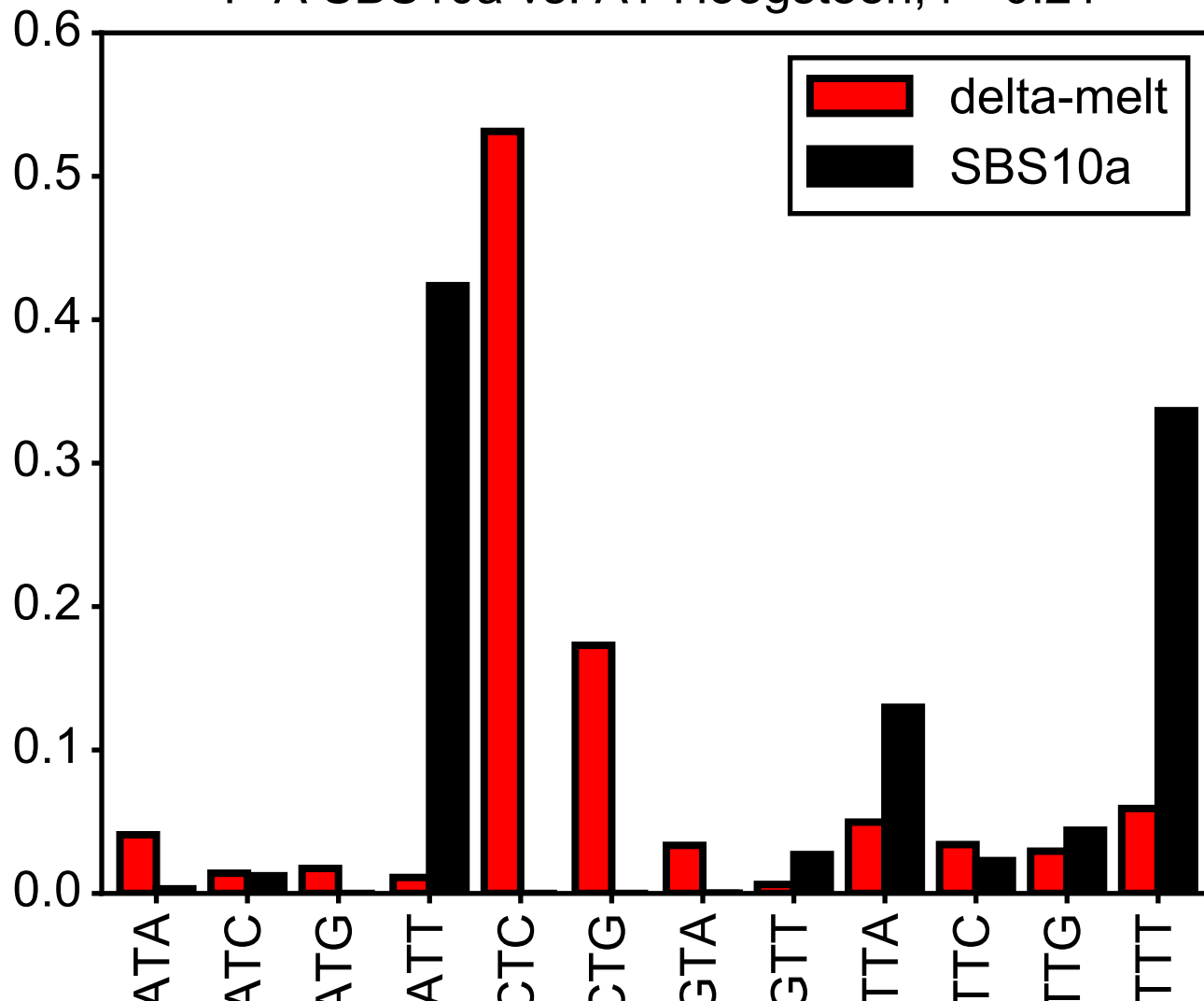
T>C SBS10a vs. AT Hoogsteen, $r=-0.49$



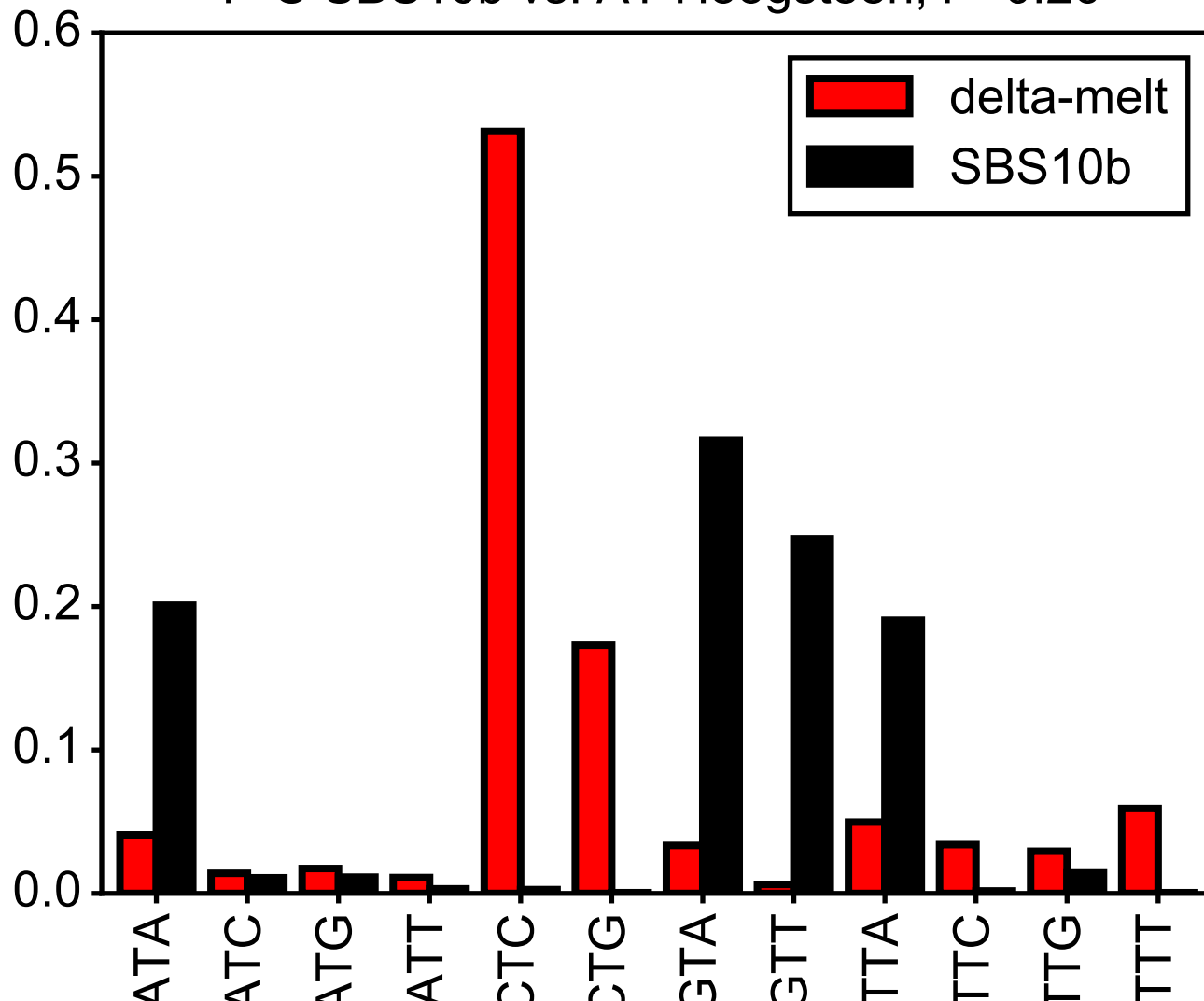
T>G SBS10a vs. AT Hoogsteen, $r=-0.17$



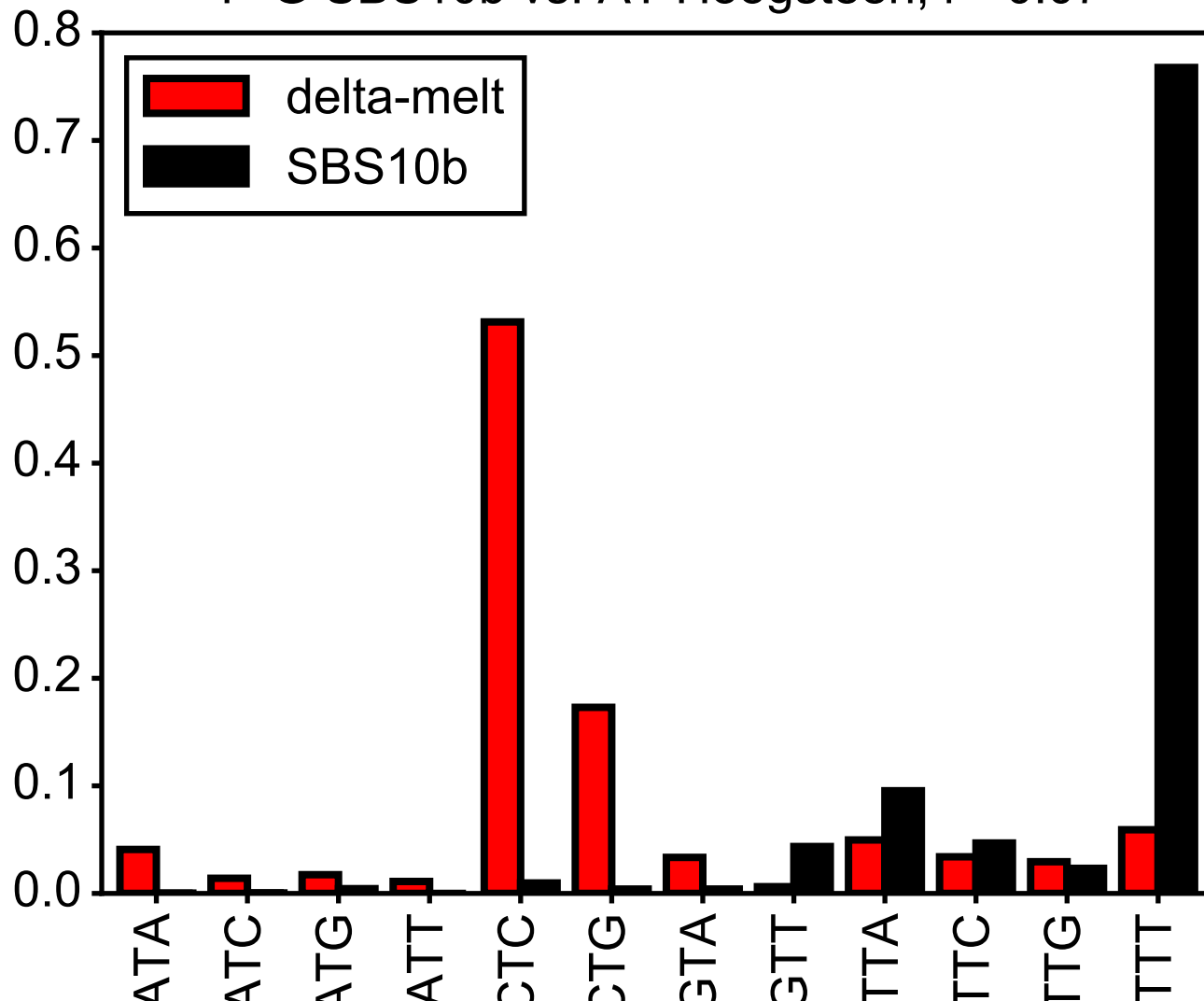
T>A SBS10a vs. AT Hoogsteen, $r=-0.21$



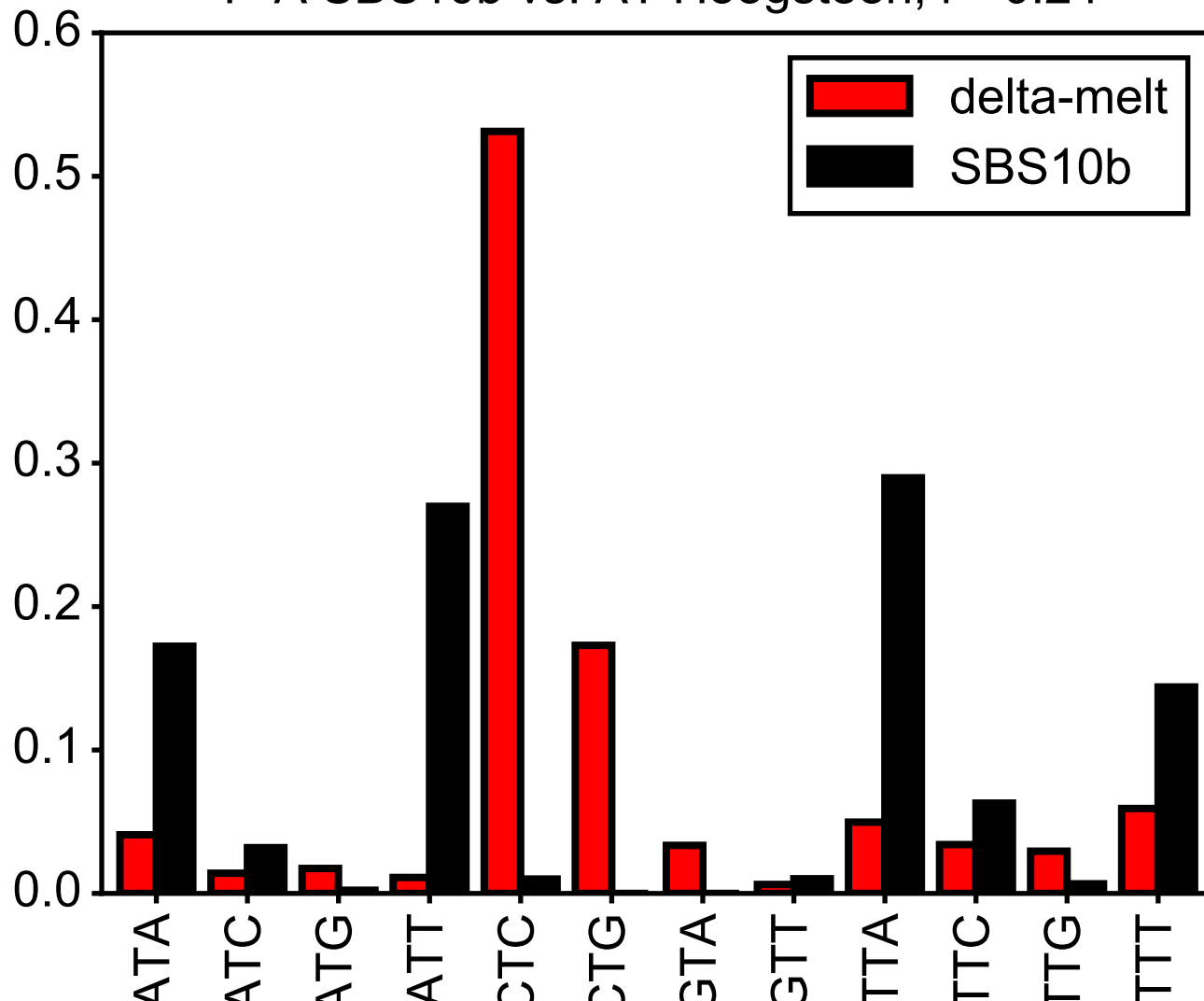
T>C SBS10b vs. AT Hoogsteen, $r=-0.26$



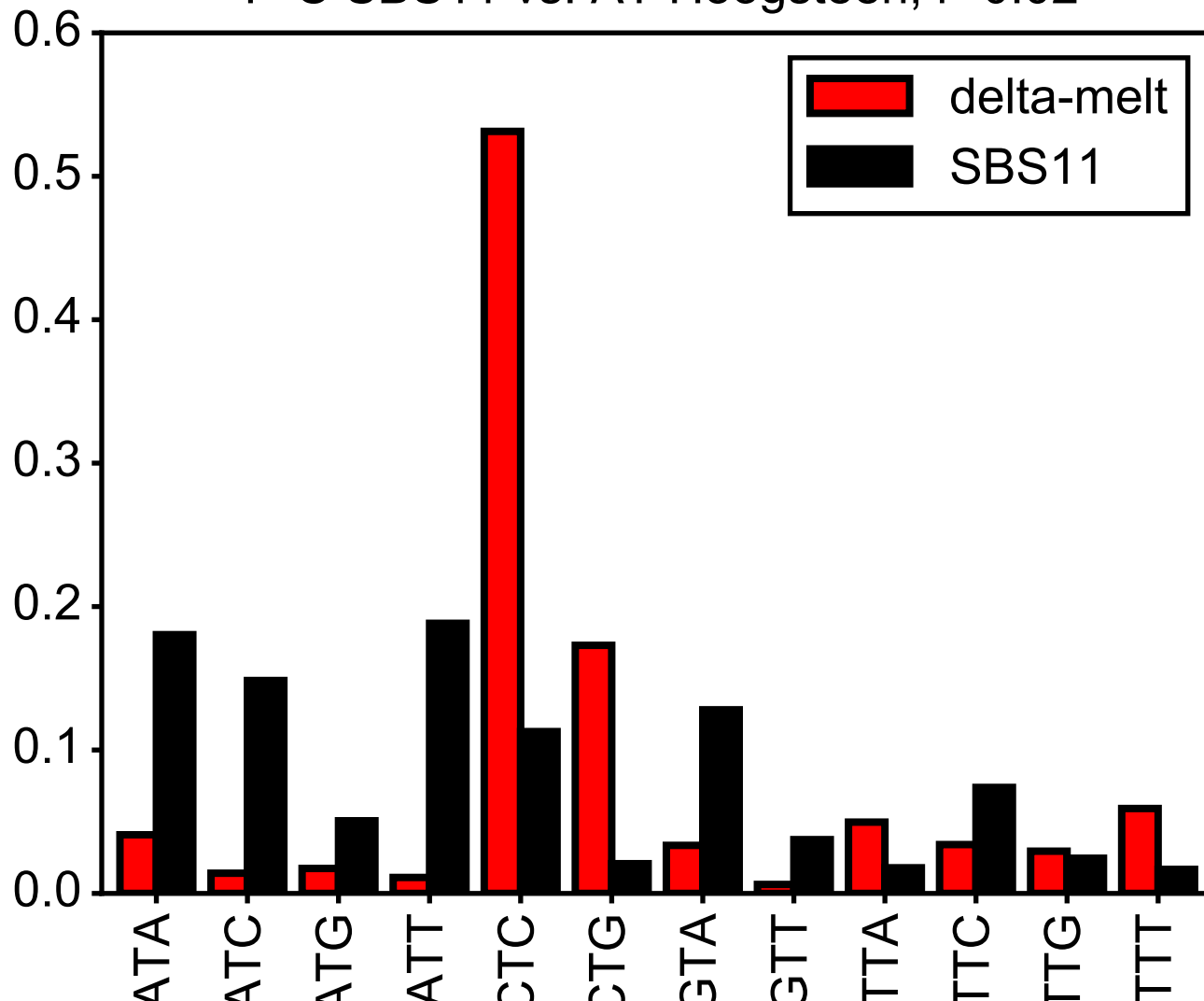
T>G SBS10b vs. AT Hoogsteen, $r=-0.07$



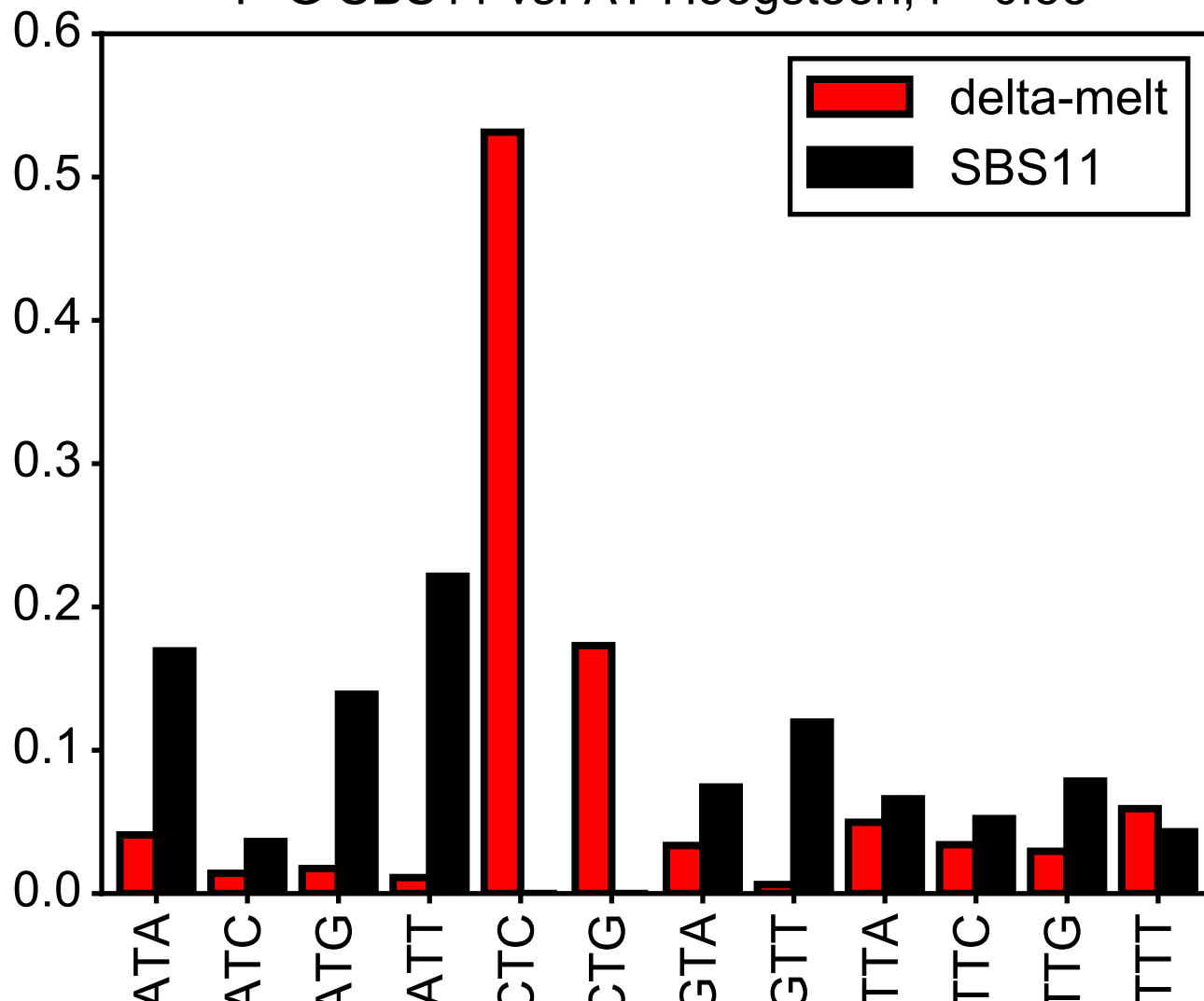
T>A SBS10b vs. AT Hoogsteen, $r=-0.24$



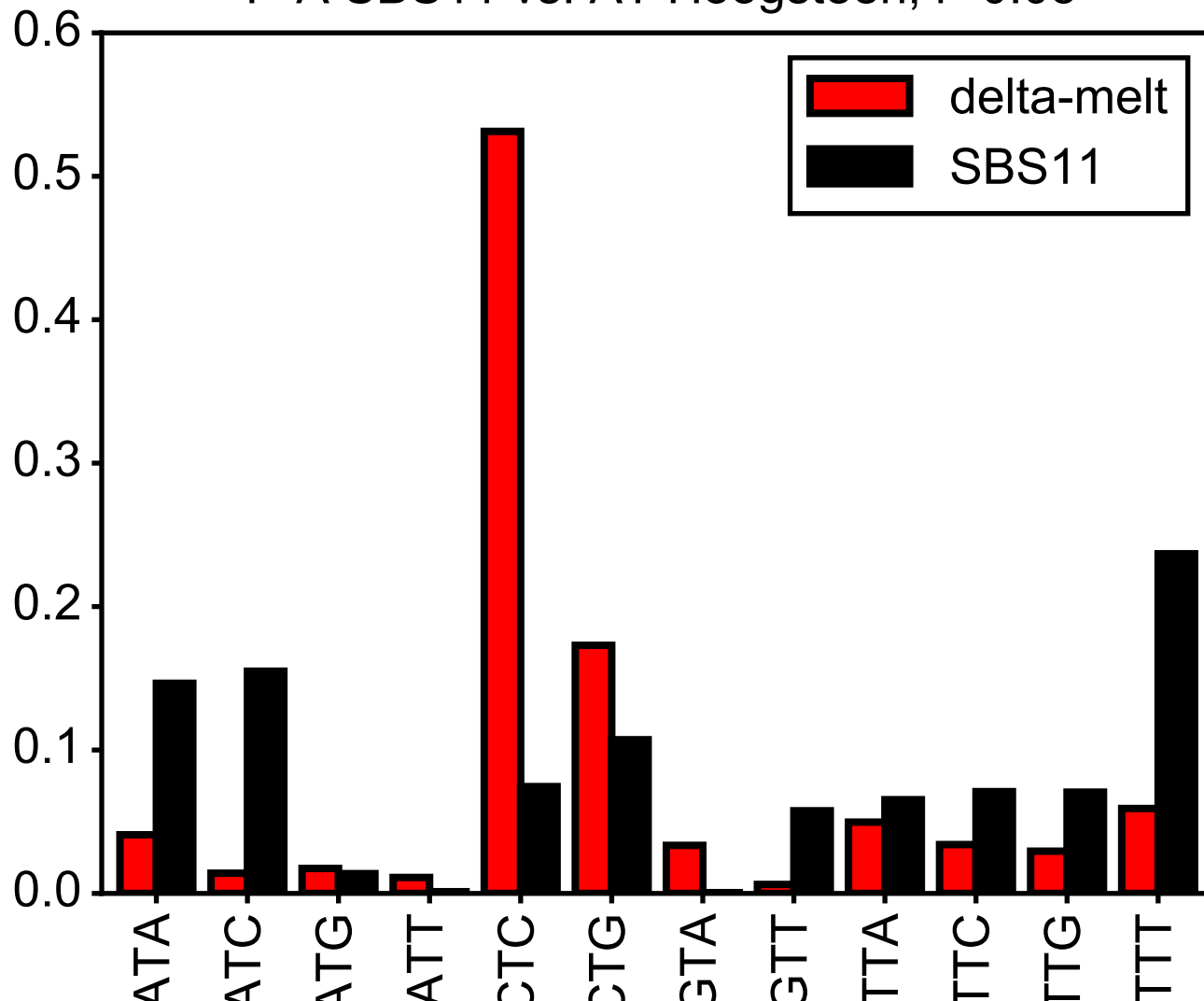
T>C SBS11 vs. AT Hoogsteen, $r=0.02$



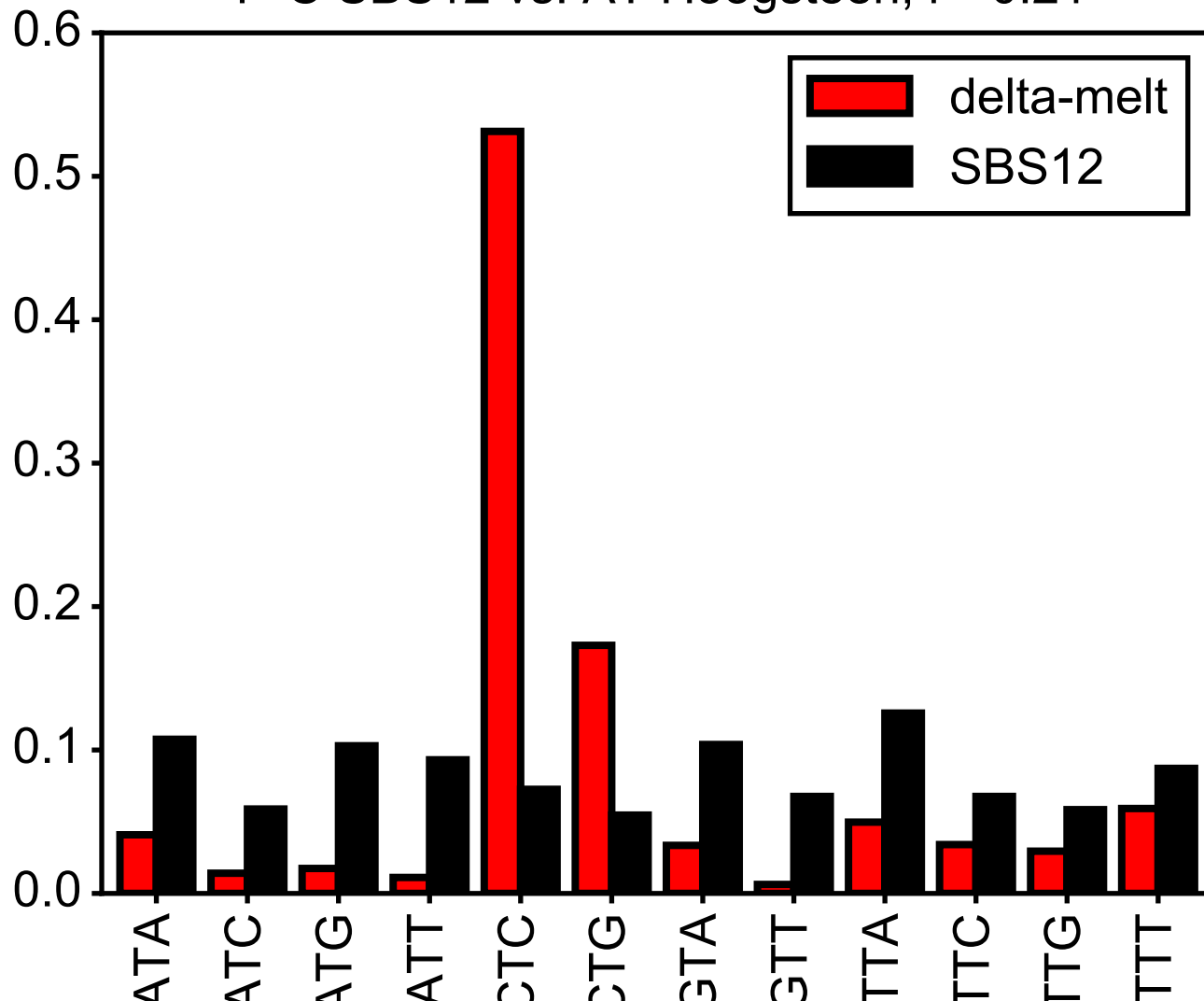
T>G SBS11 vs. AT Hoogsteen, $r=-0.53$



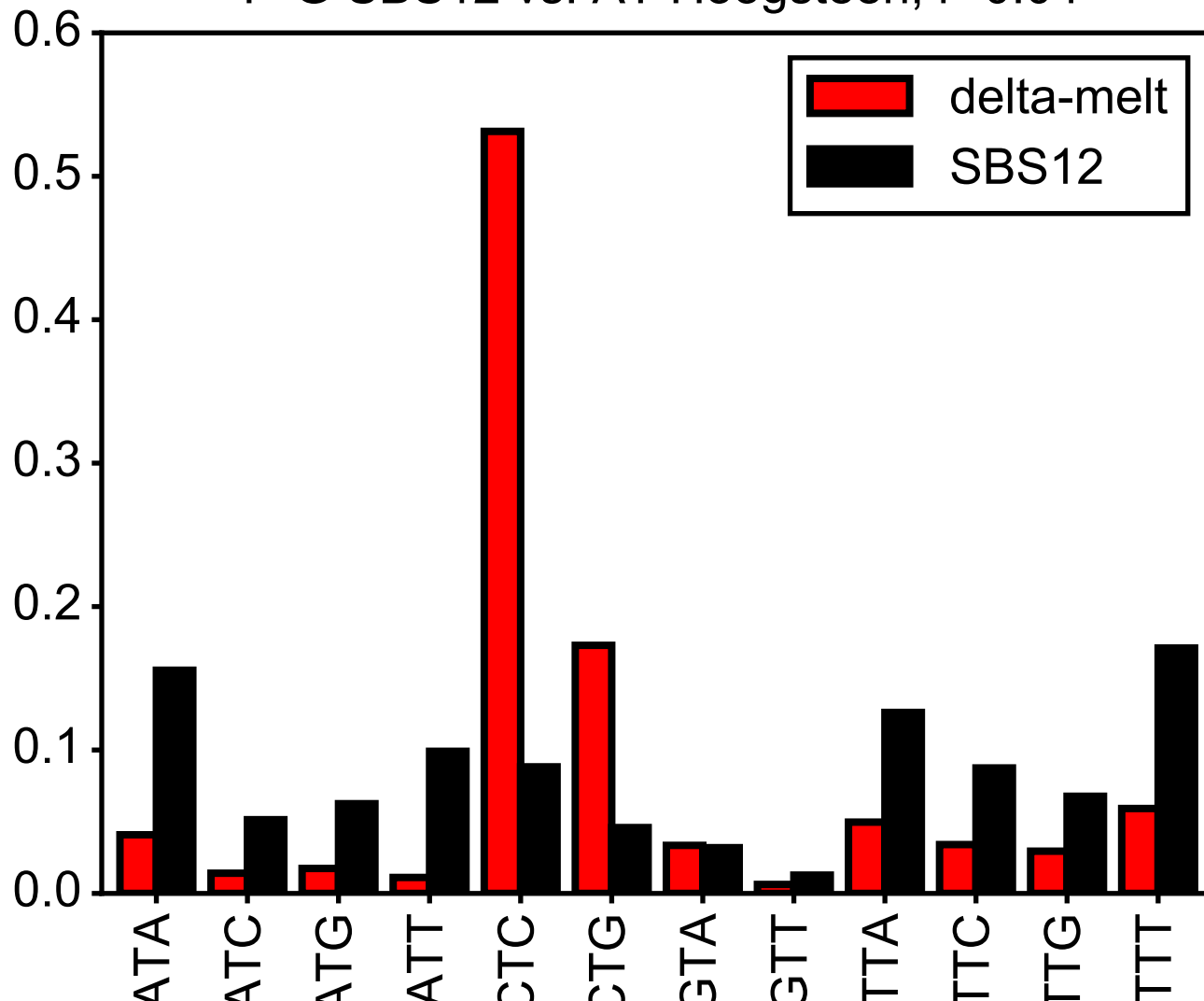
T>A SBS11 vs. AT Hoogsteen, $r=0.05$



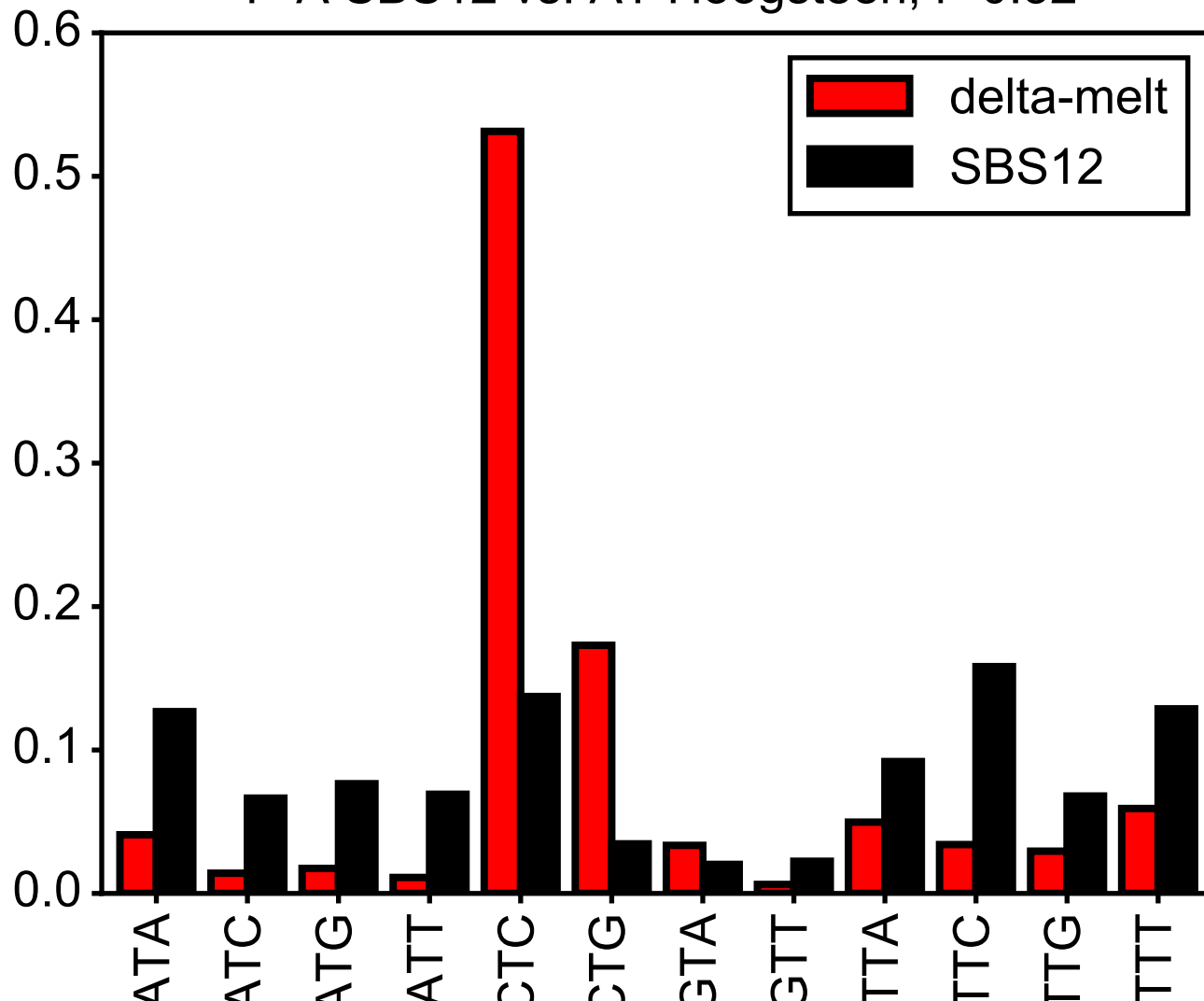
T>C SBS12 vs. AT Hoogsteen, $r=-0.21$



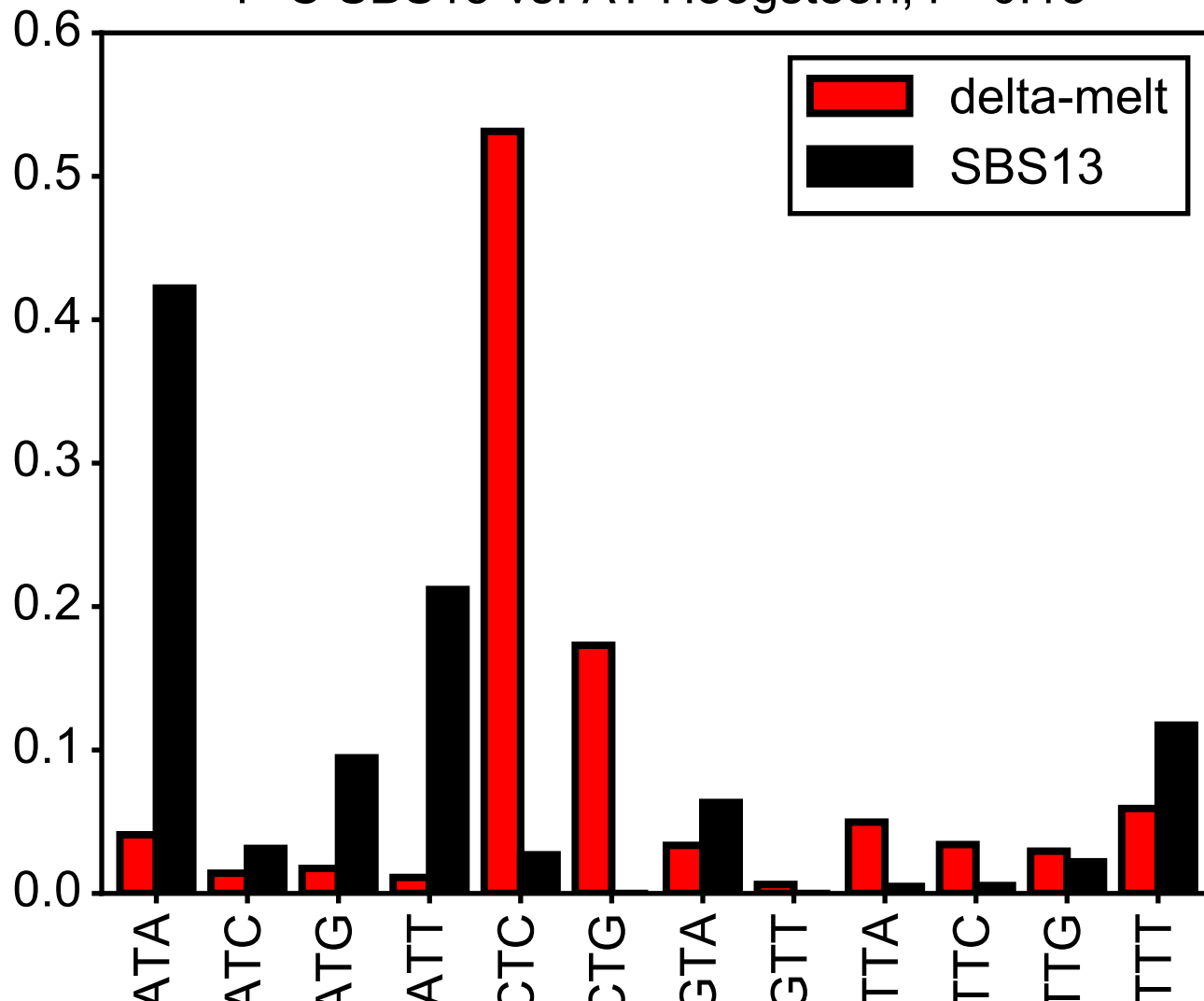
T>G SBS12 vs. AT Hoogsteen, $r=0.04$



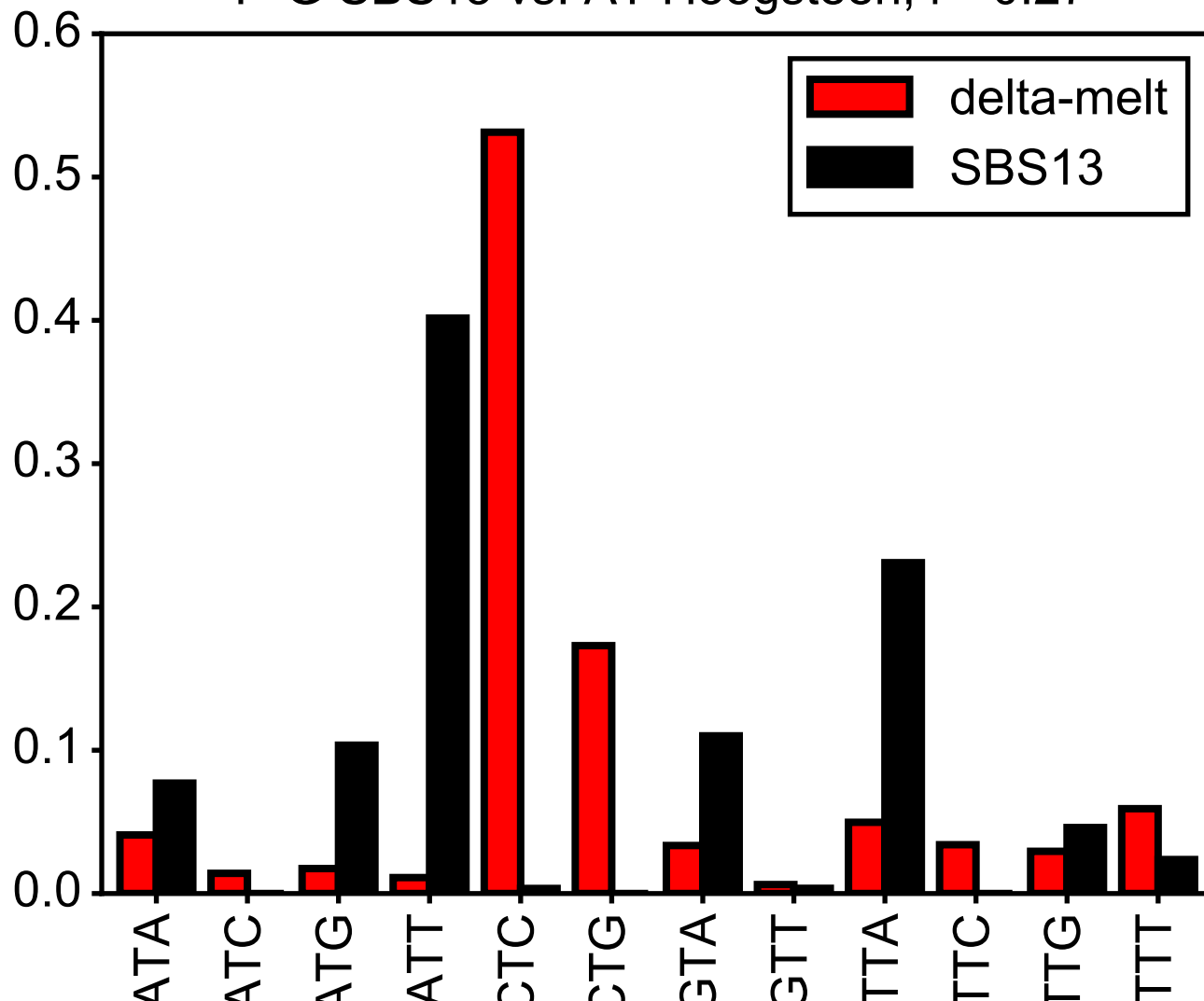
T>A SBS12 vs. AT Hoogsteen, $r=0.32$



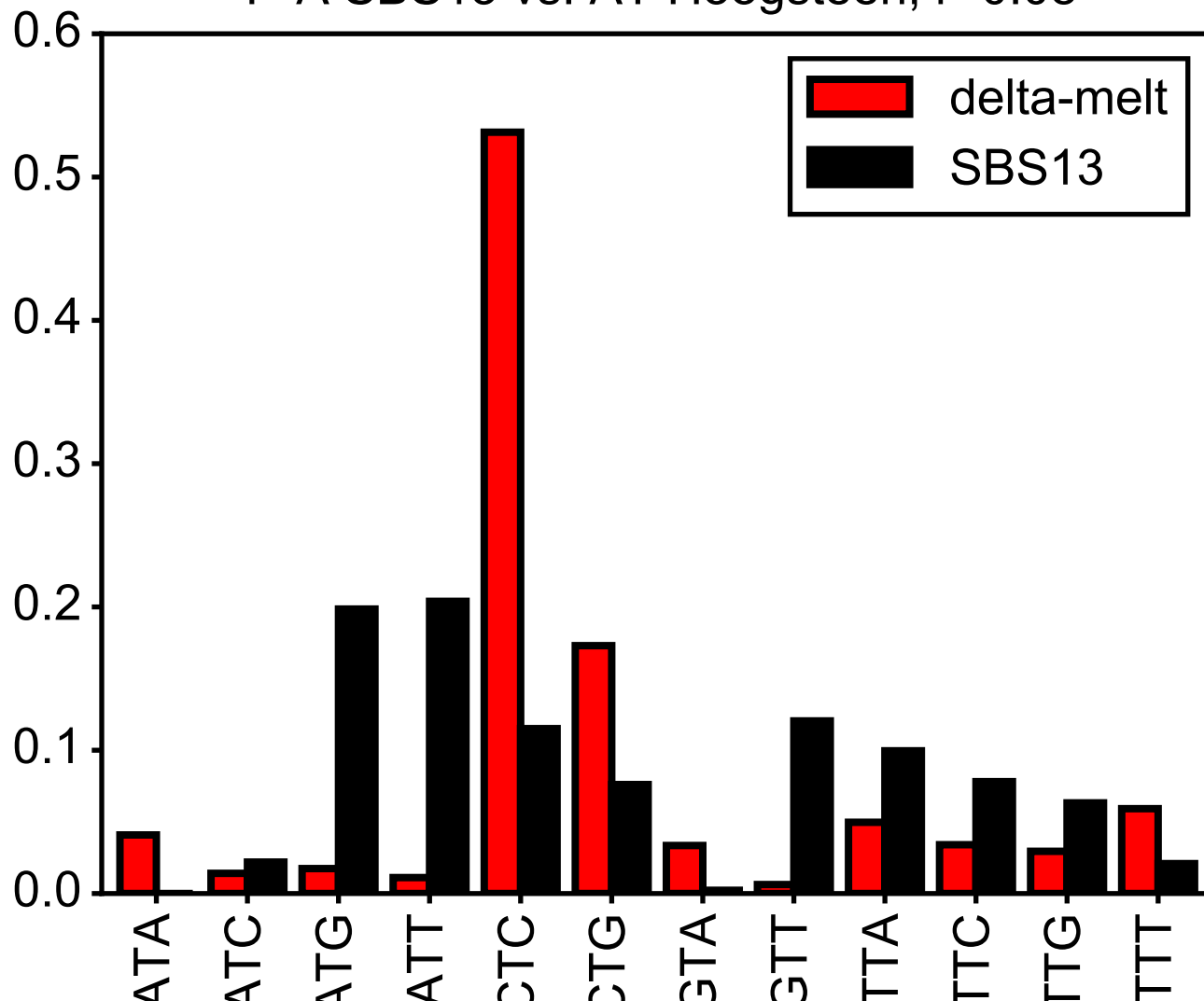
T>C SBS13 vs. AT Hoogsteen, $r=-0.18$



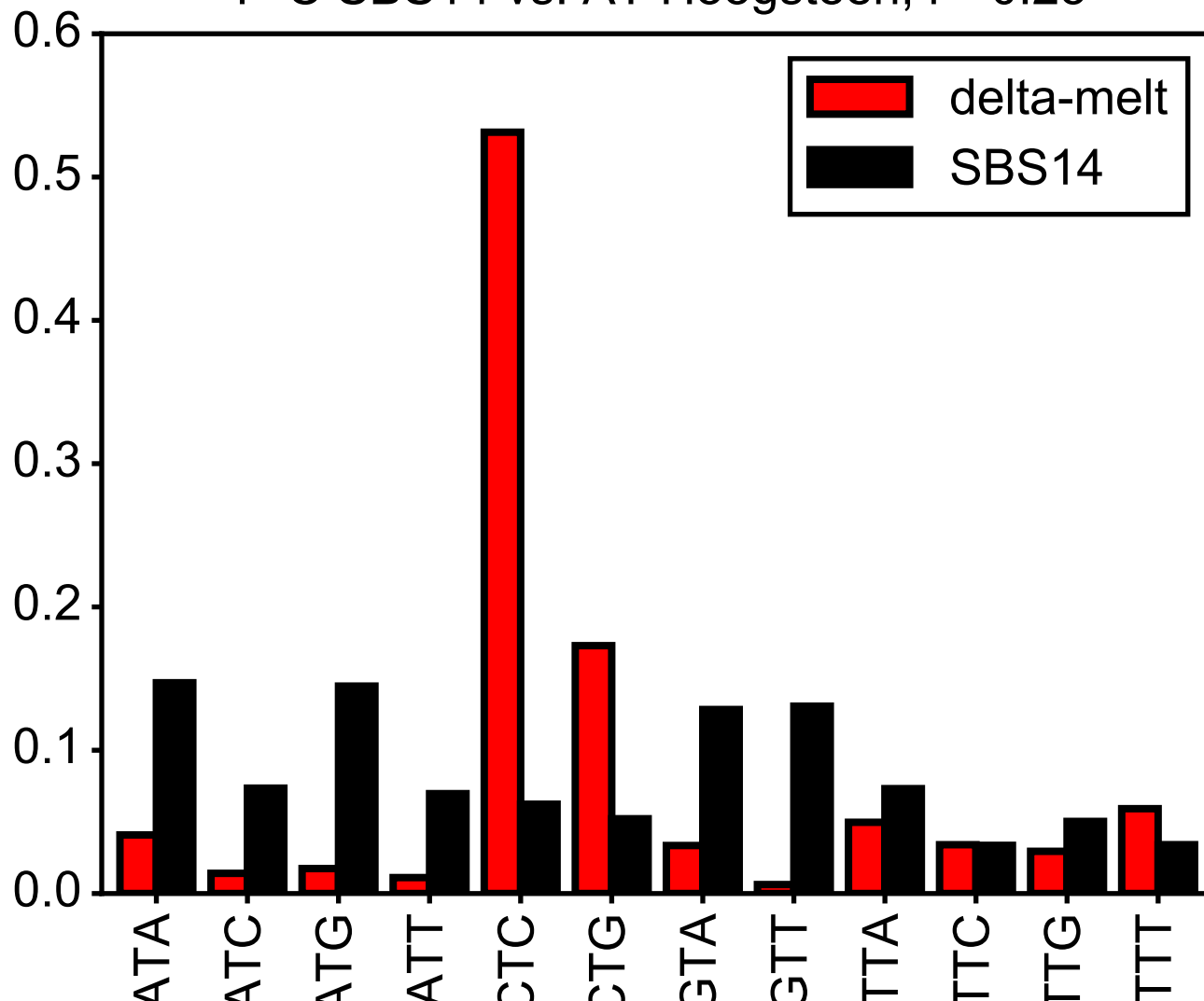
T>G SBS13 vs. AT Hoogsteen, $r=-0.27$



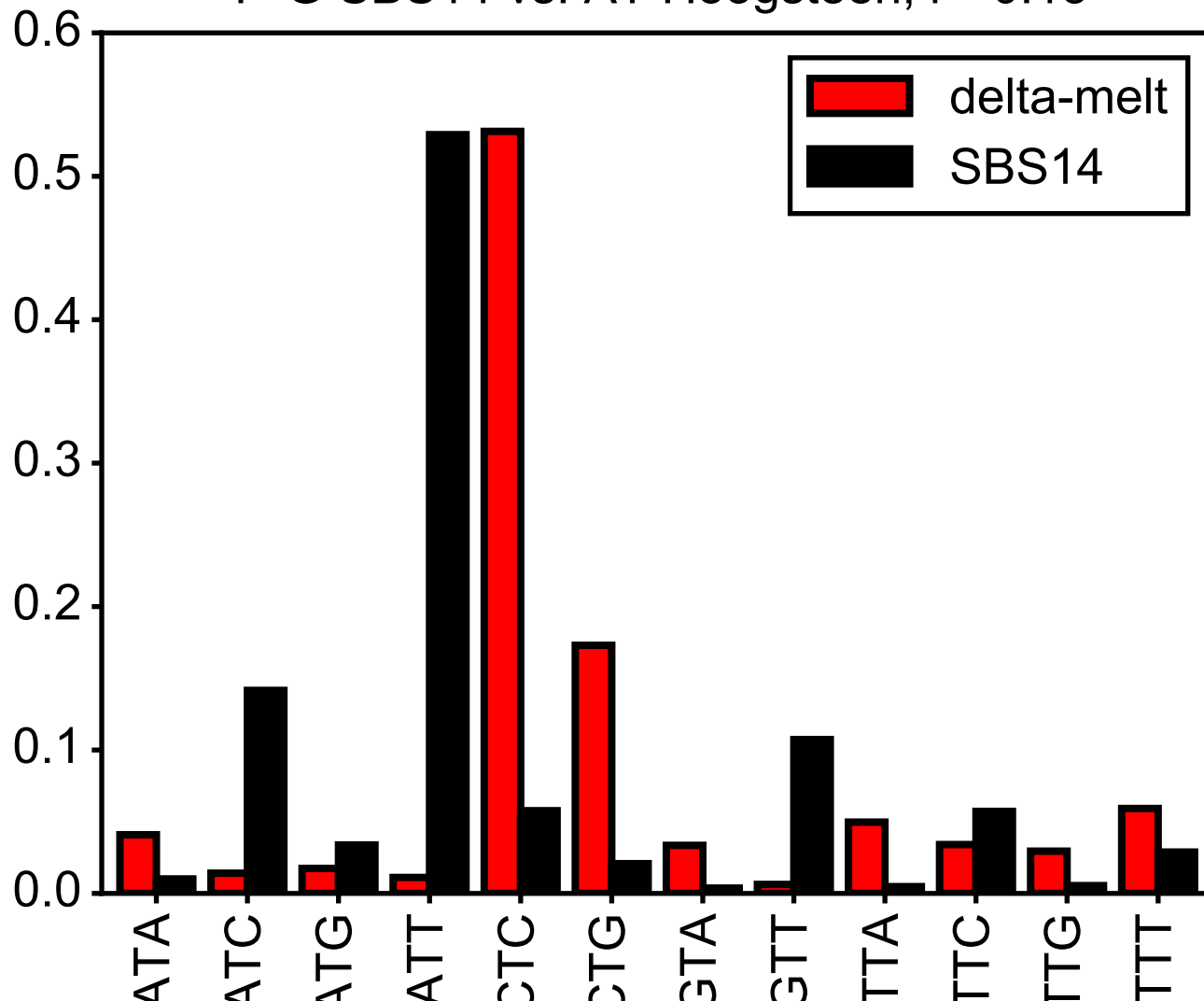
T>A SBS13 vs. AT Hoogsteen, $r=0.08$



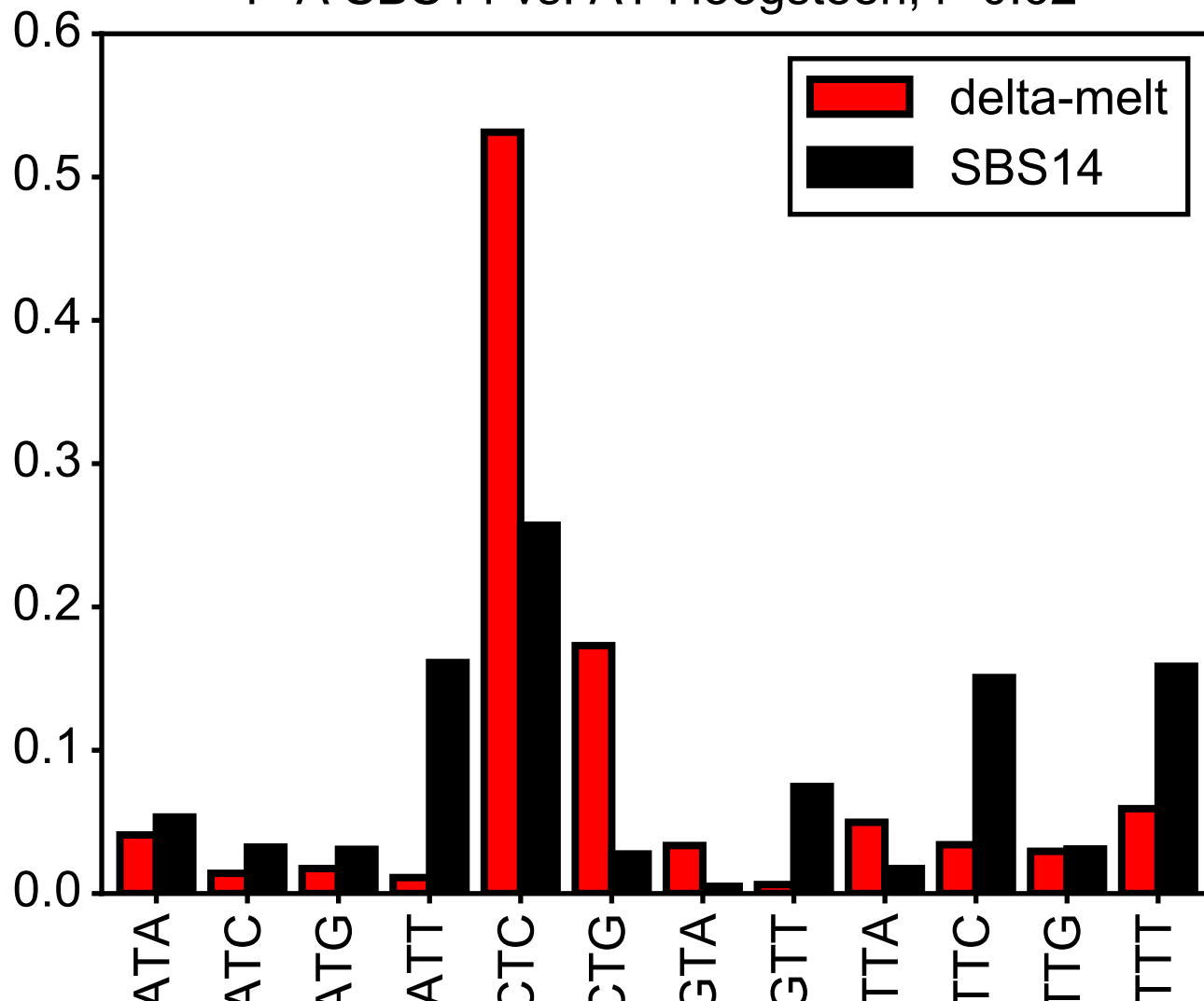
T>C SBS14 vs. AT Hoogsteen, $r=-0.25$



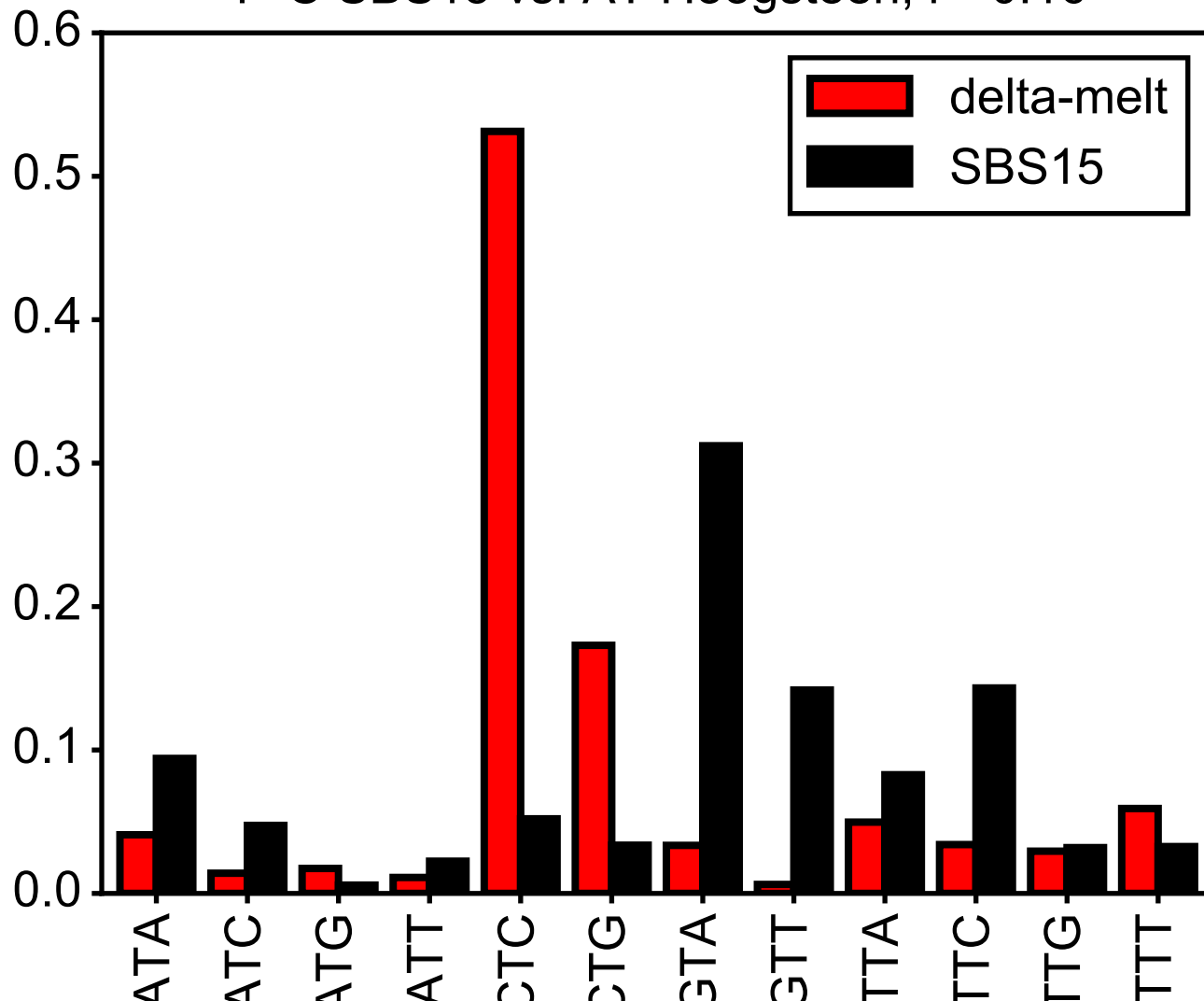
T>G SBS14 vs. AT Hoogsteen, $r=-0.15$



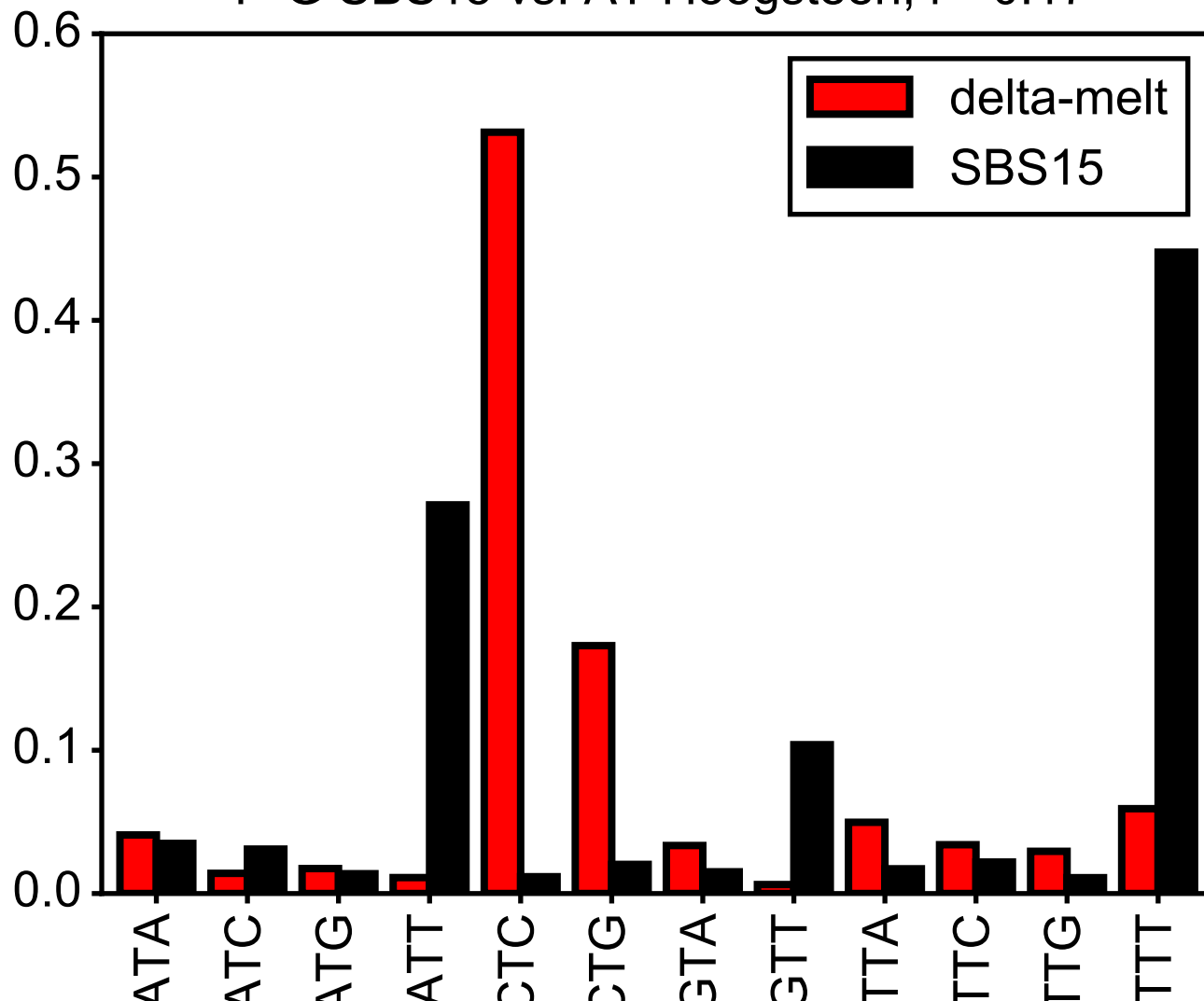
T>A SBS14 vs. AT Hoogsteen, $r=0.62$



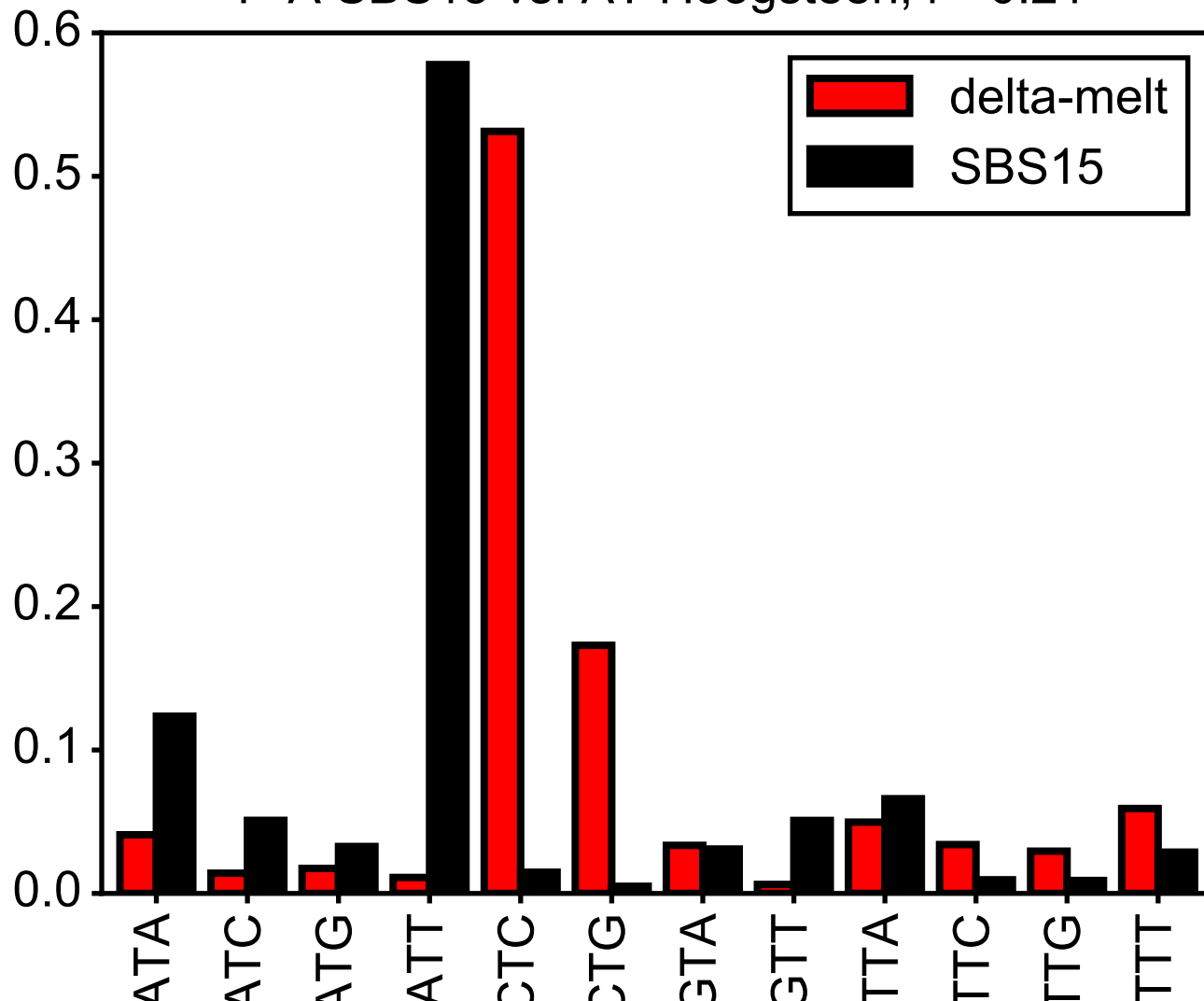
T>C SBS15 vs. AT Hoogsteen, $r=-0.16$



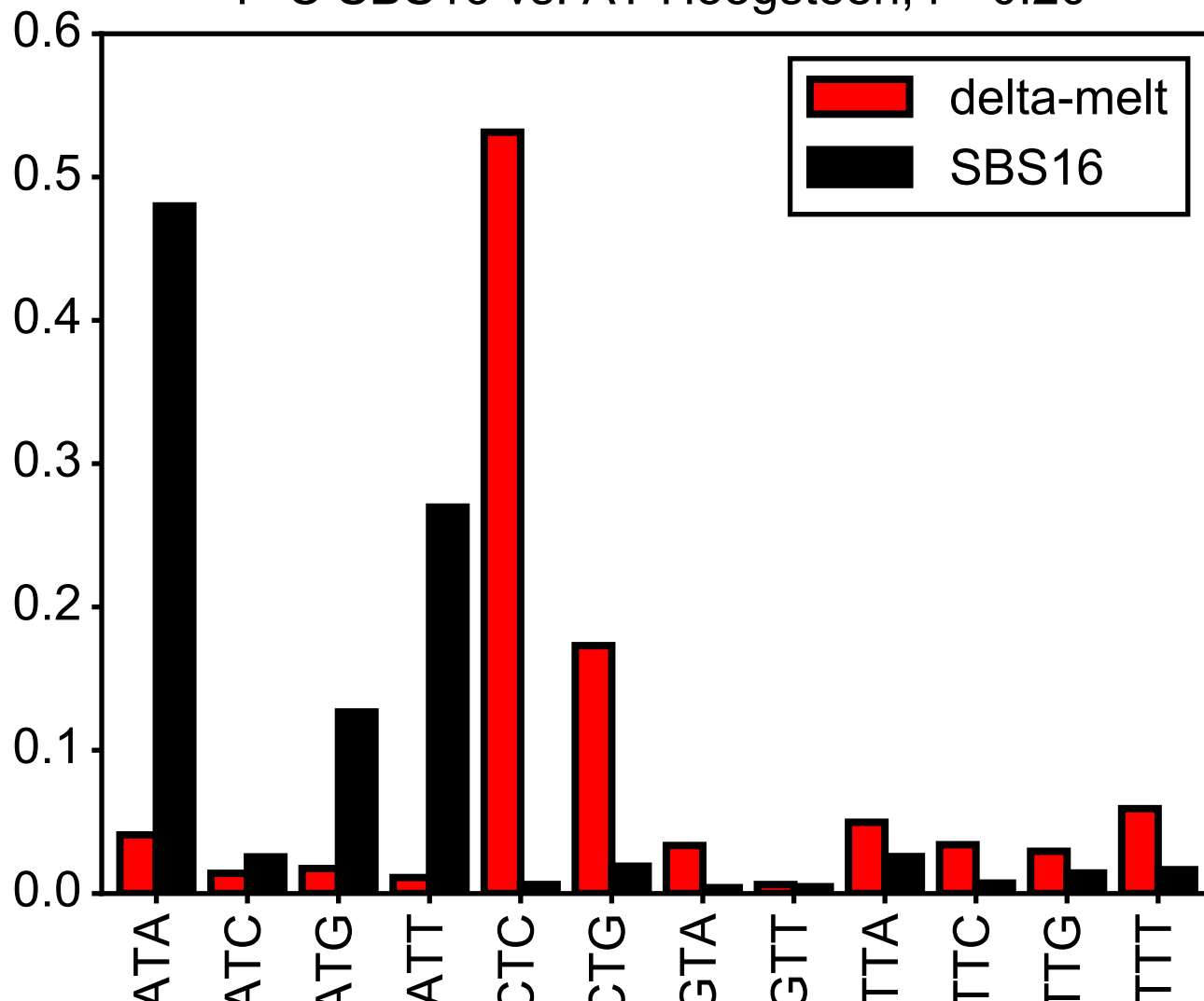
T>G SBS15 vs. AT Hoogsteen, $r=-0.17$



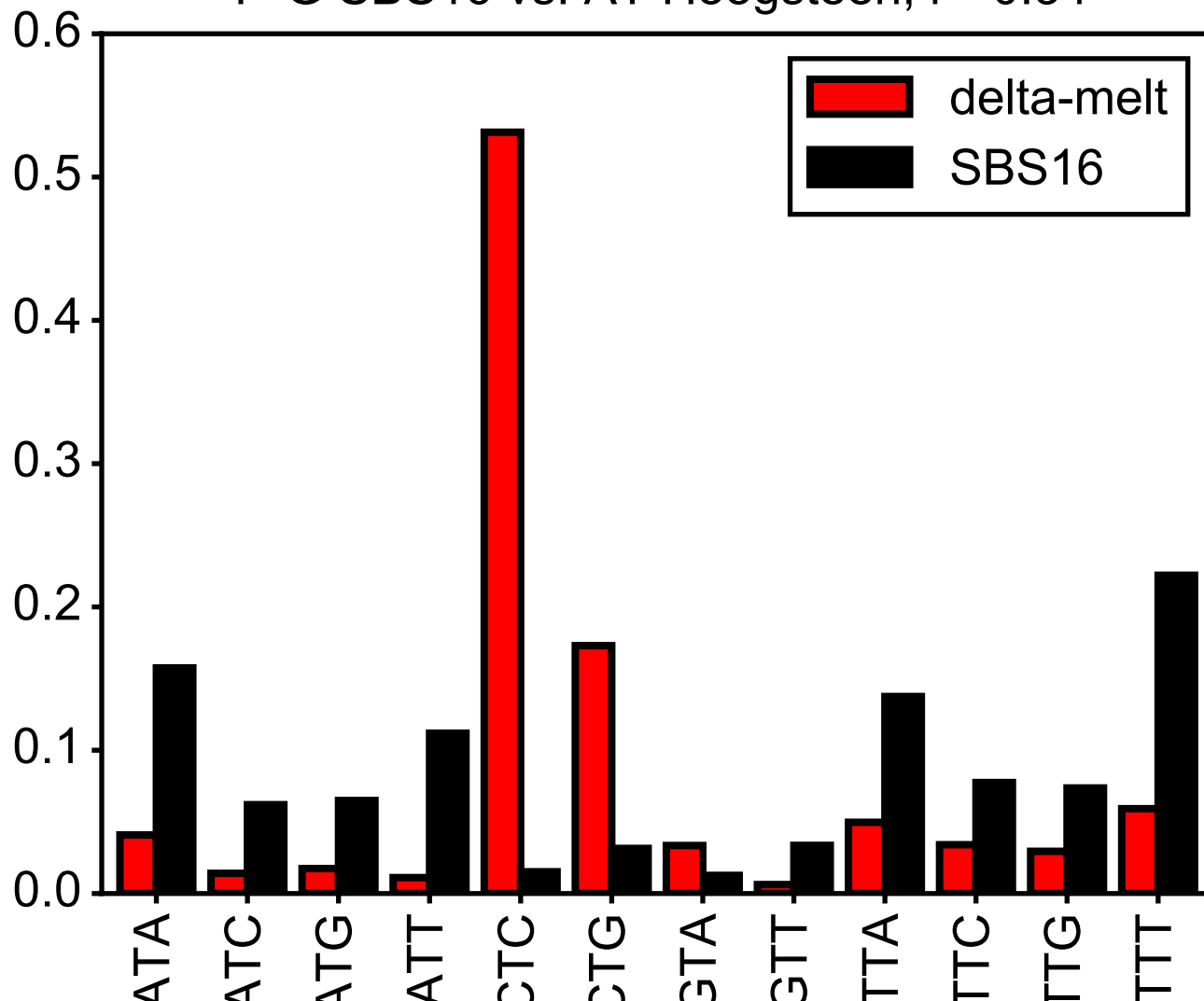
T>A SBS15 vs. AT Hoogsteen, $r=-0.21$



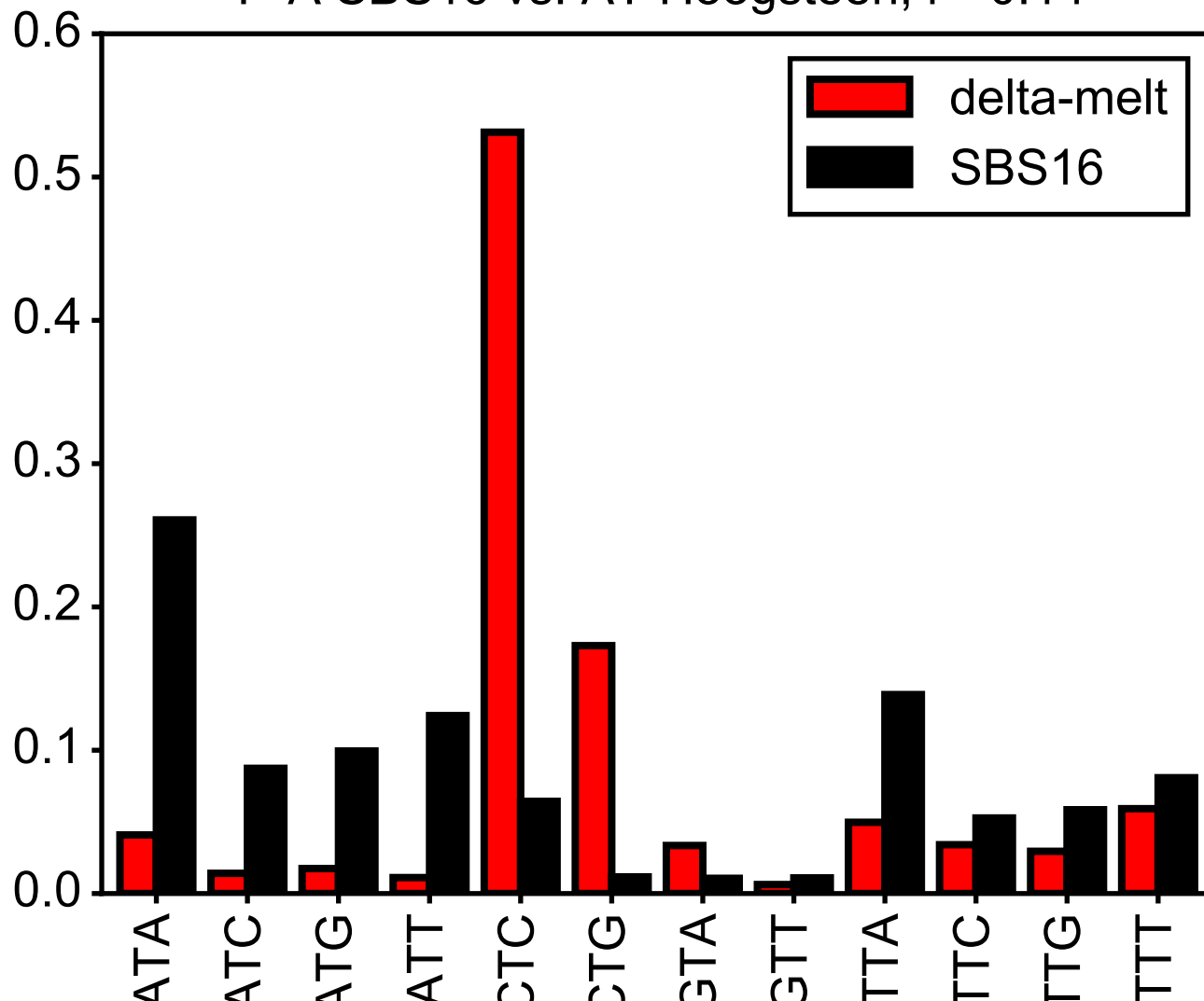
T>C SBS16 vs. AT Hoogsteen, $r=-0.20$



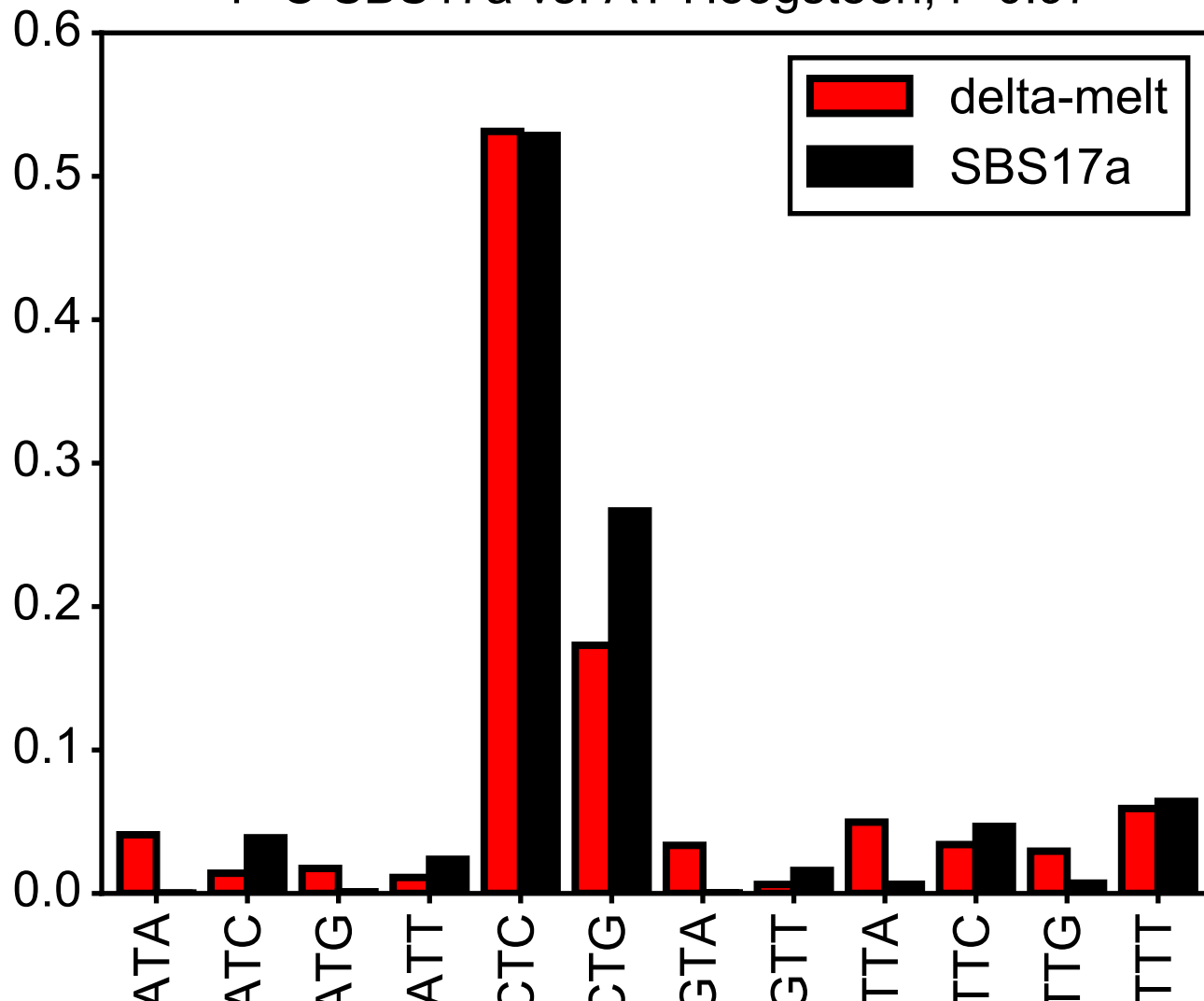
T>G SBS16 vs. AT Hoogsteen, $r=-0.34$



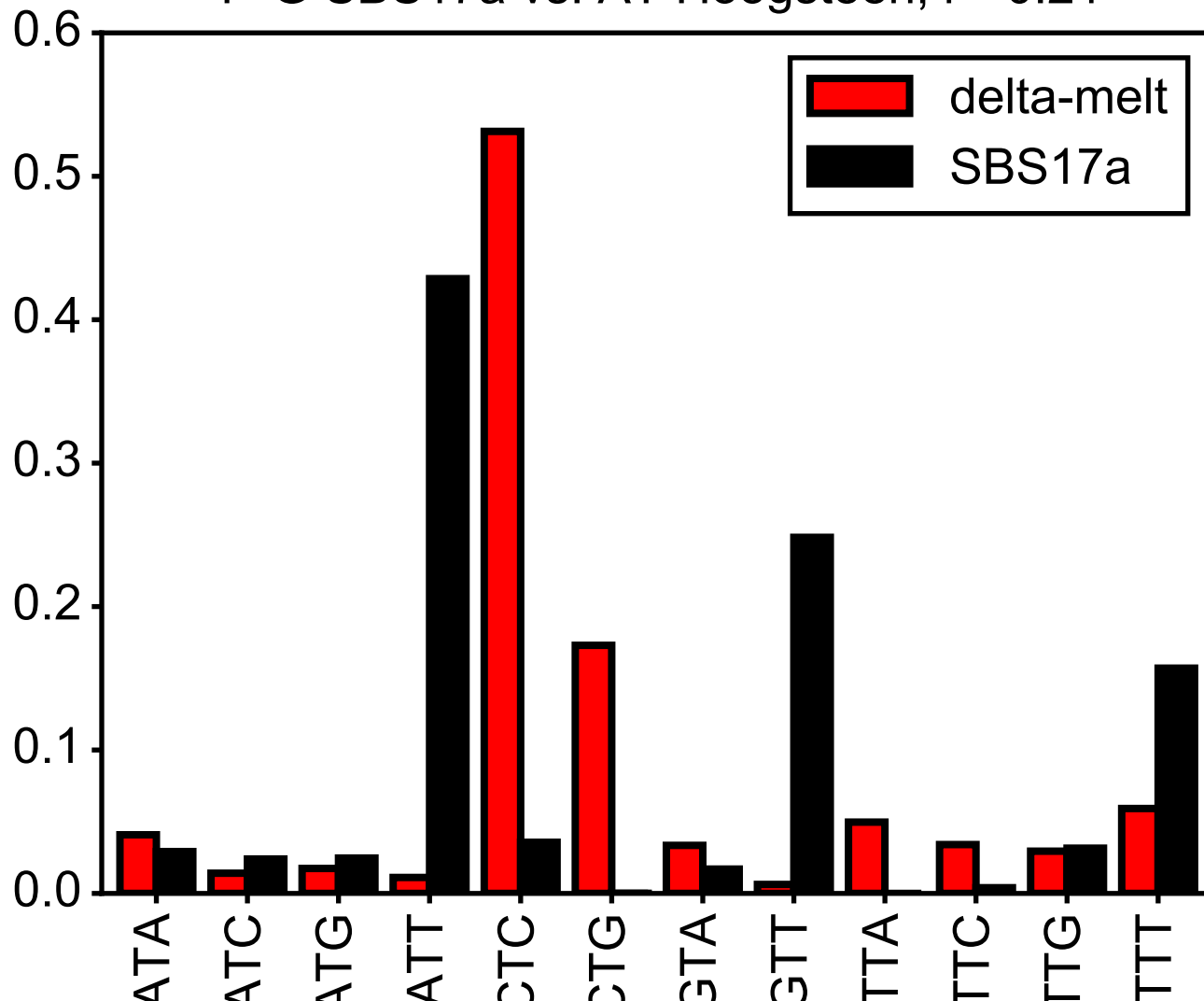
T>A SBS16 vs. AT Hoogsteen, $r=-0.14$



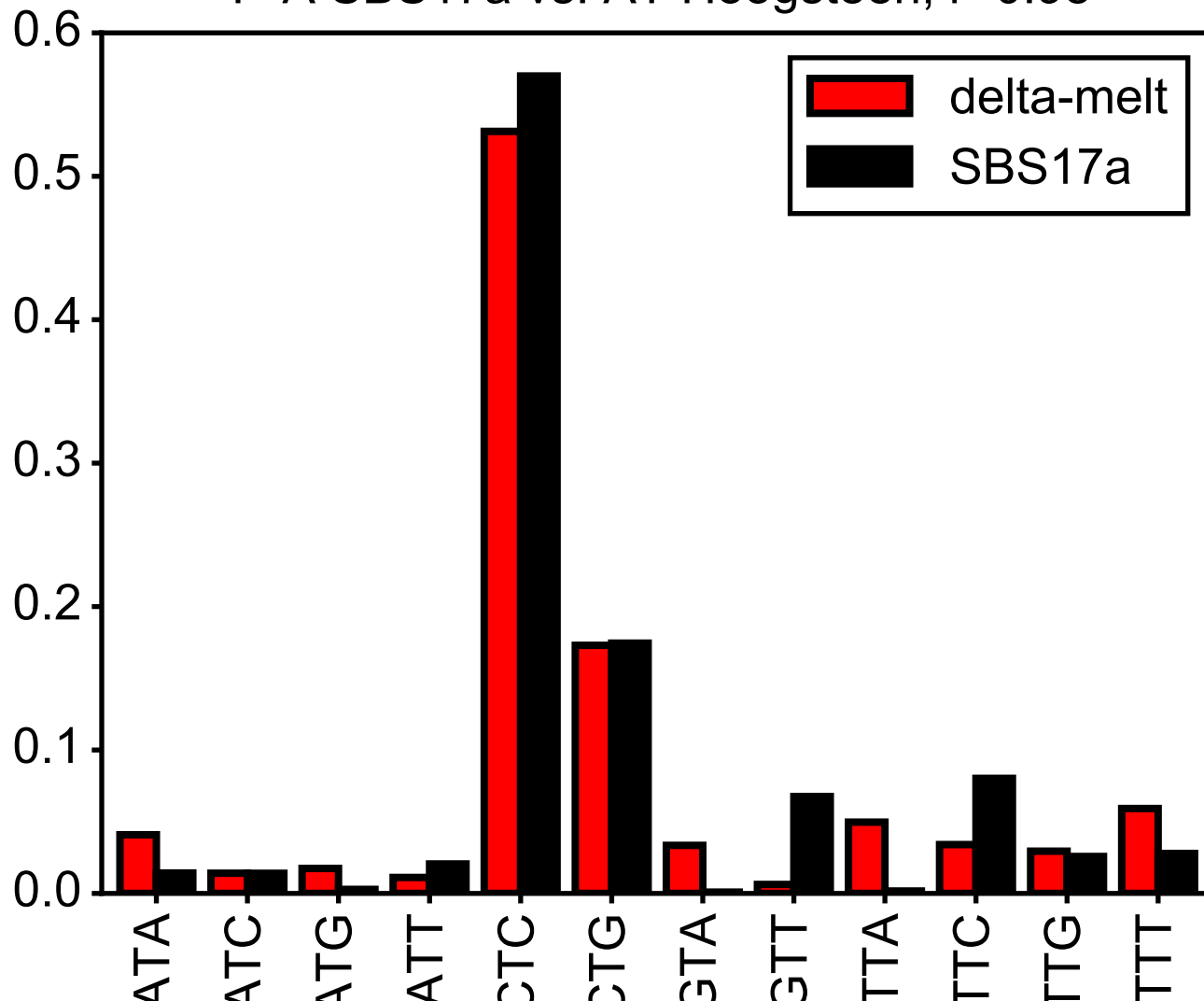
T>C SBS17a vs. AT Hoogsteen, $r=0.97$



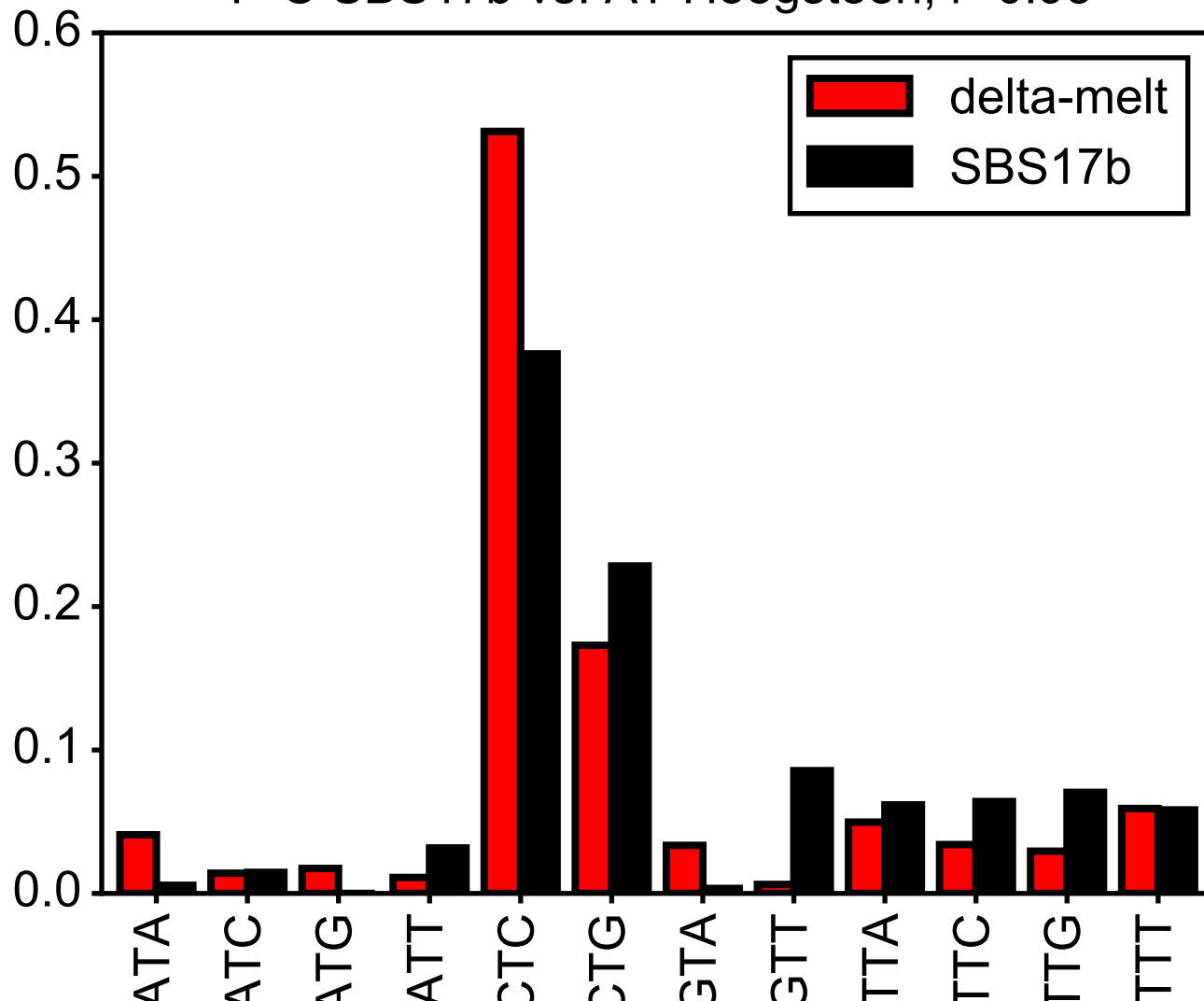
T>G SBS17a vs. AT Hoogsteen, $r=-0.21$



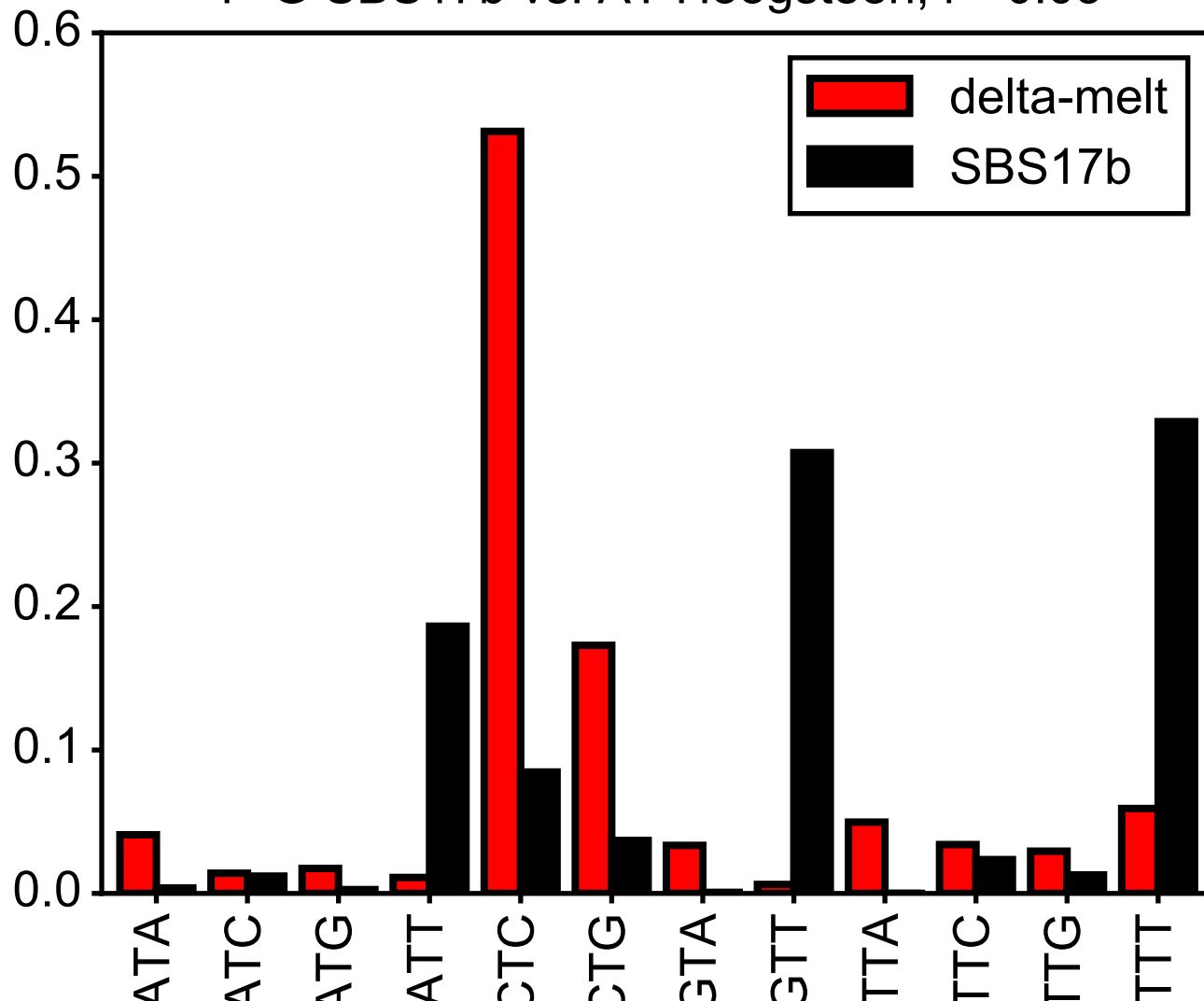
T>A SBS17a vs. AT Hoogsteen, $r=0.98$



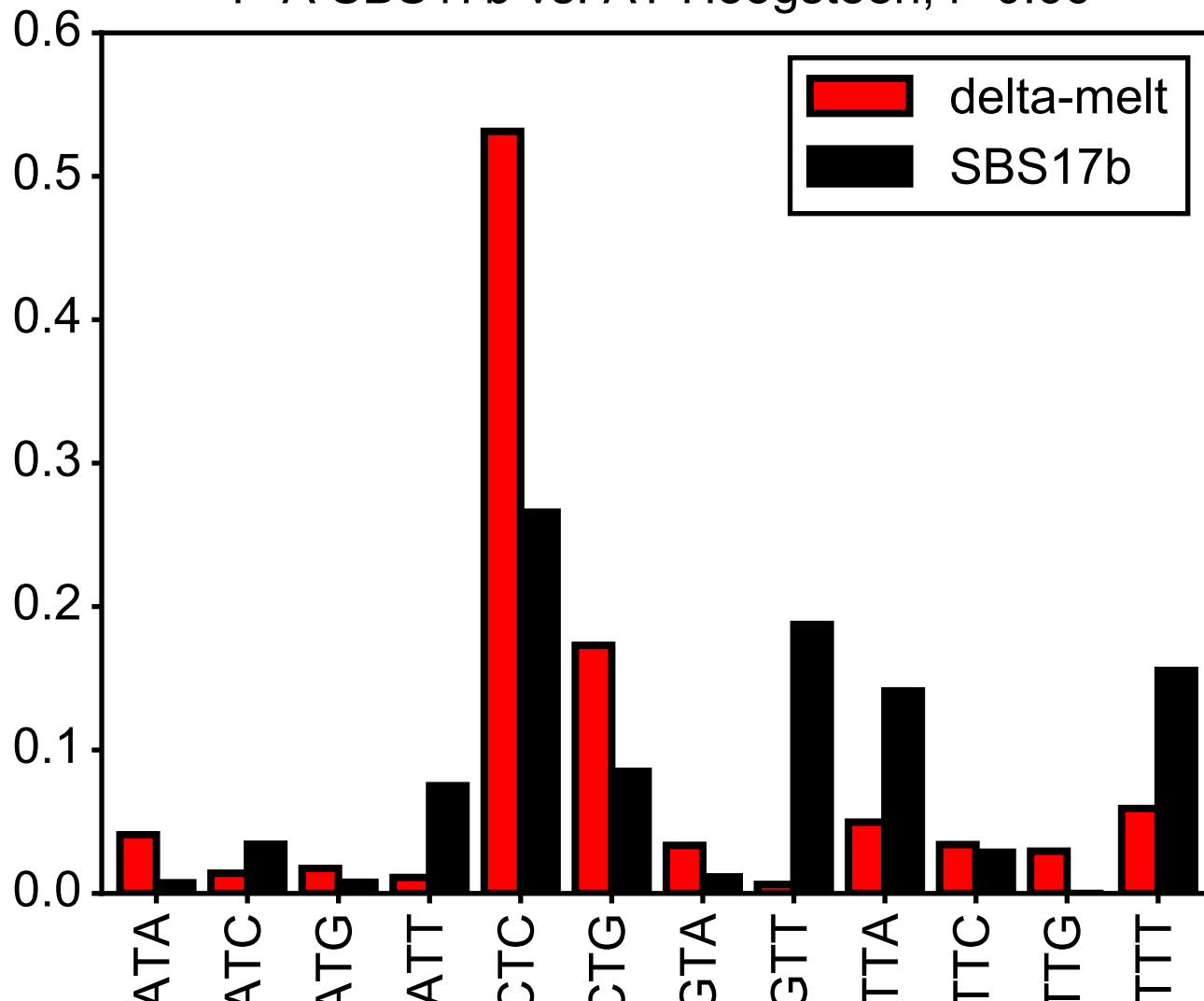
T>C SBS17b vs. AT Hoogsteen, $r=0.93$



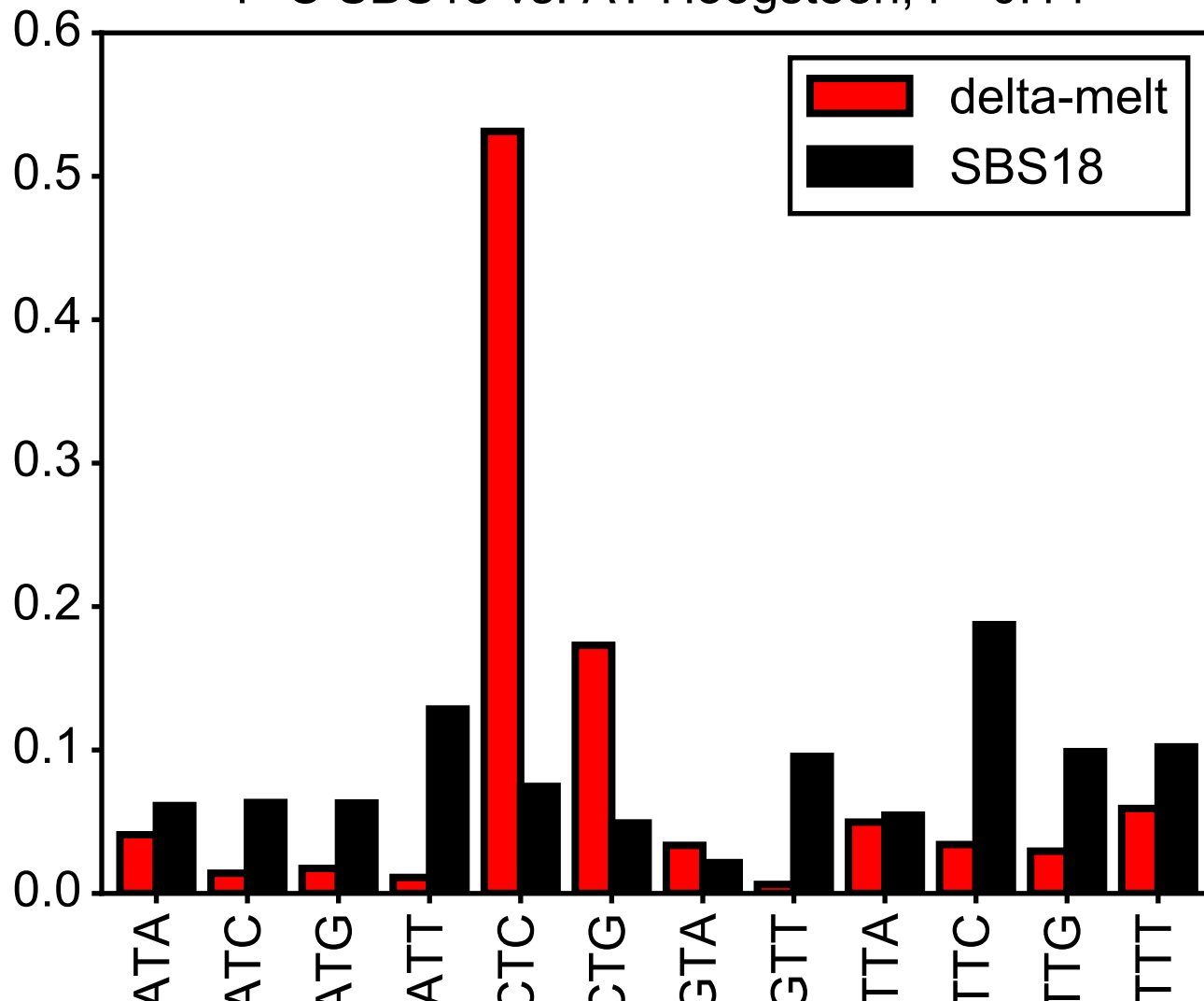
T>G SBS17b vs. AT Hoogsteen, $r=-0.03$



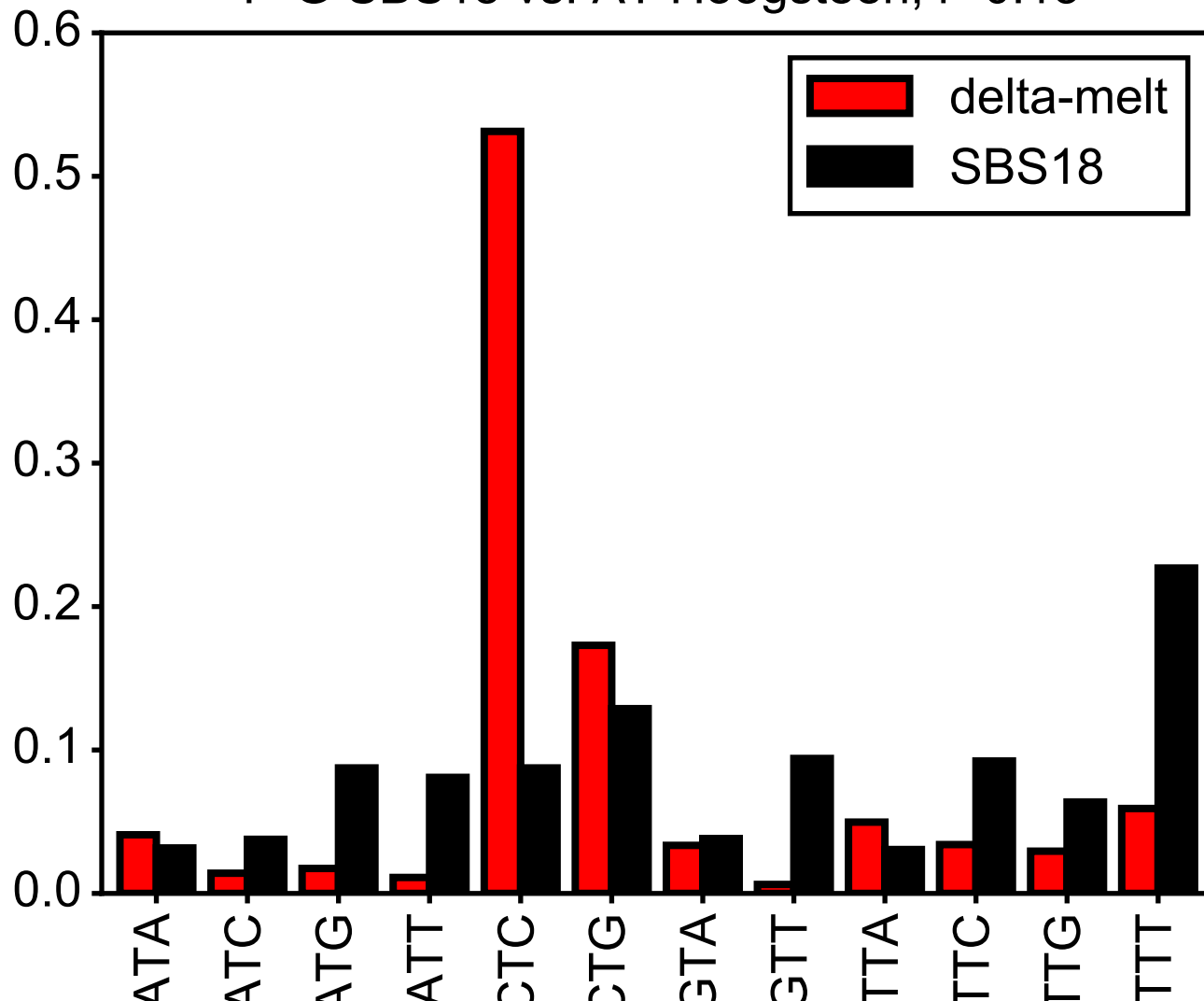
T>A SBS17b vs. AT Hoogsteen, $r=0.66$



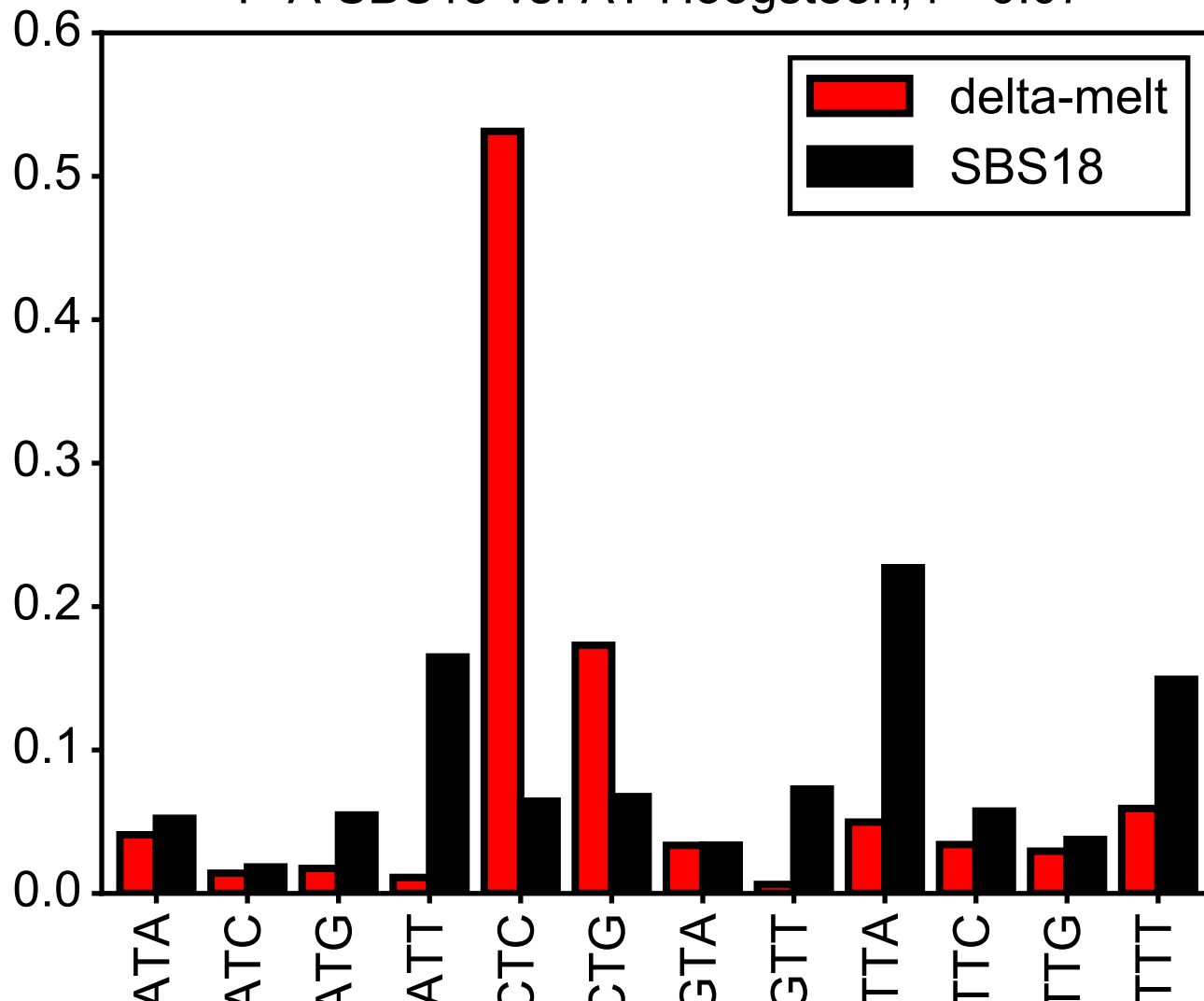
T>C SBS18 vs. AT Hoogsteen, $r=-0.14$



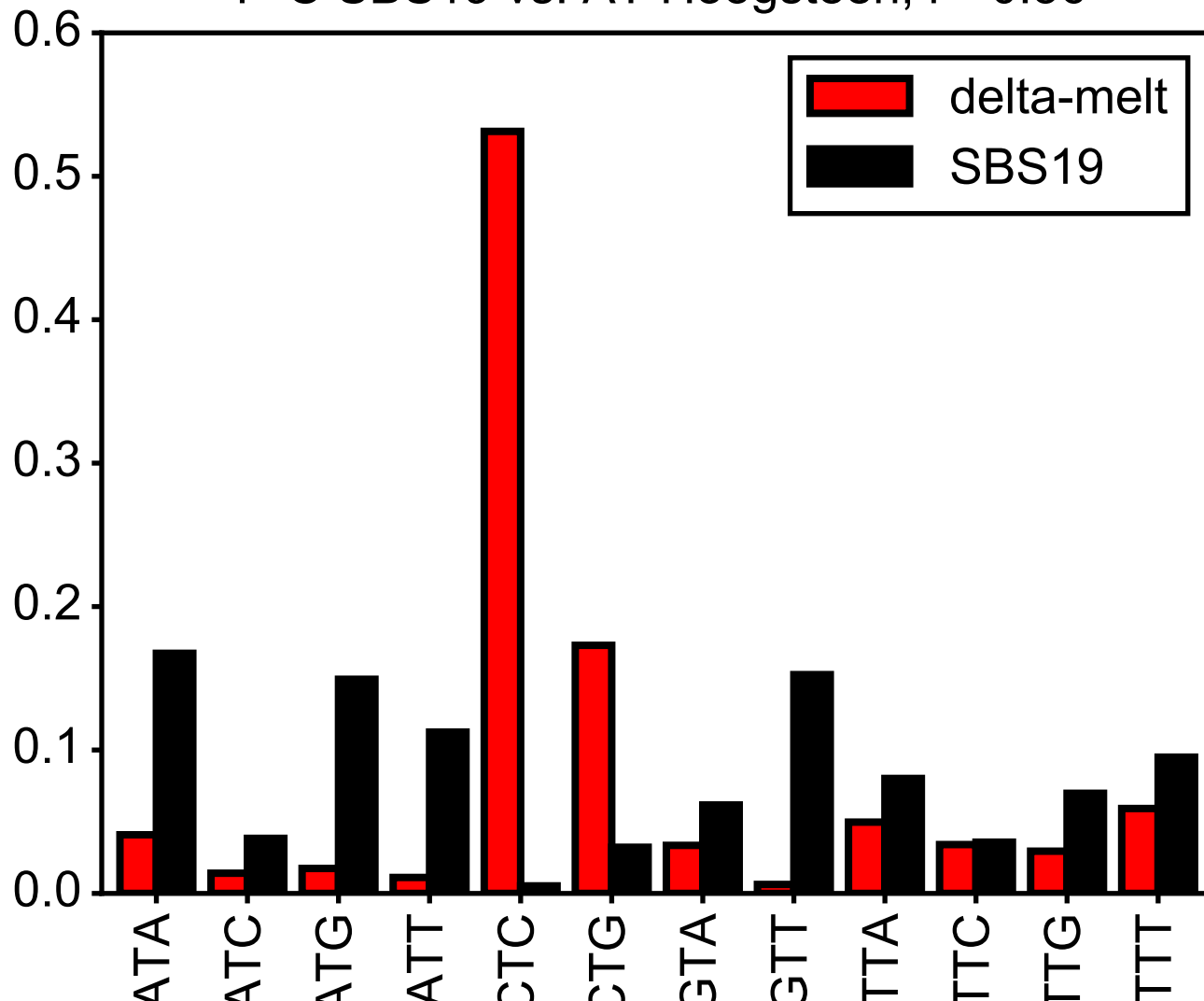
T>G SBS18 vs. AT Hoogsteen, $r=0.13$



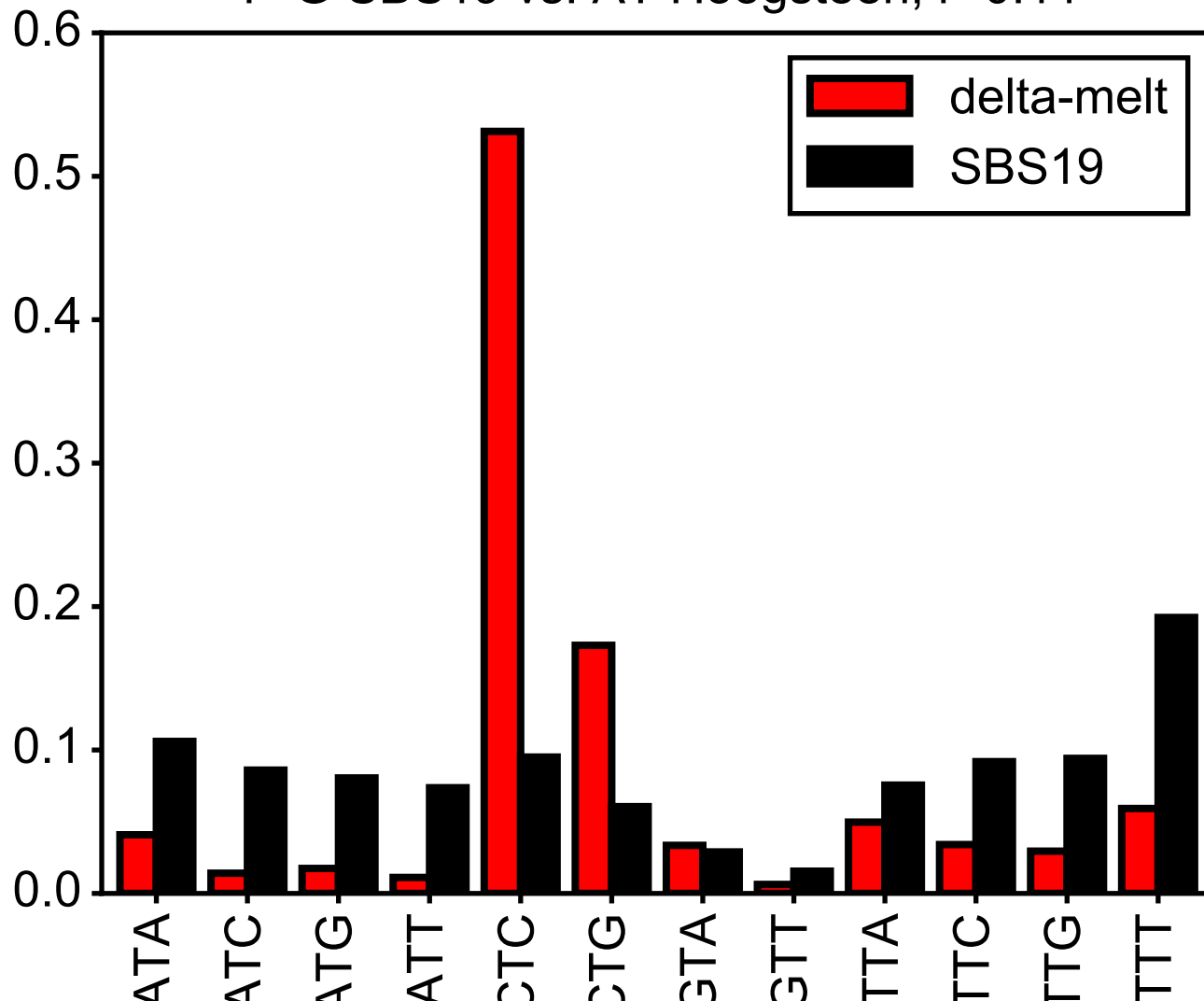
T>A SBS18 vs. AT Hoogsteen, $r=-0.07$



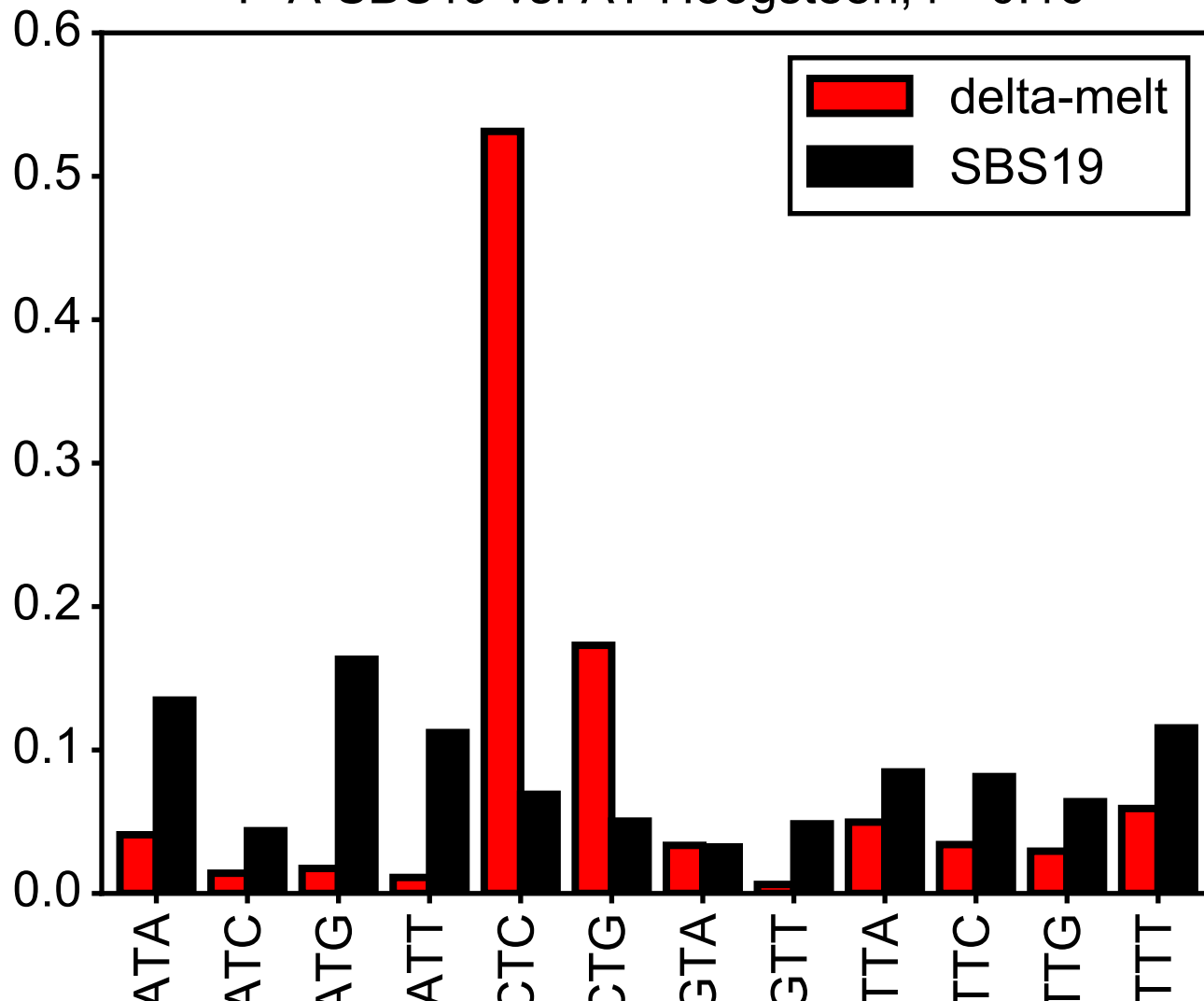
T>C SBS19 vs. AT Hoogsteen, $r=-0.56$



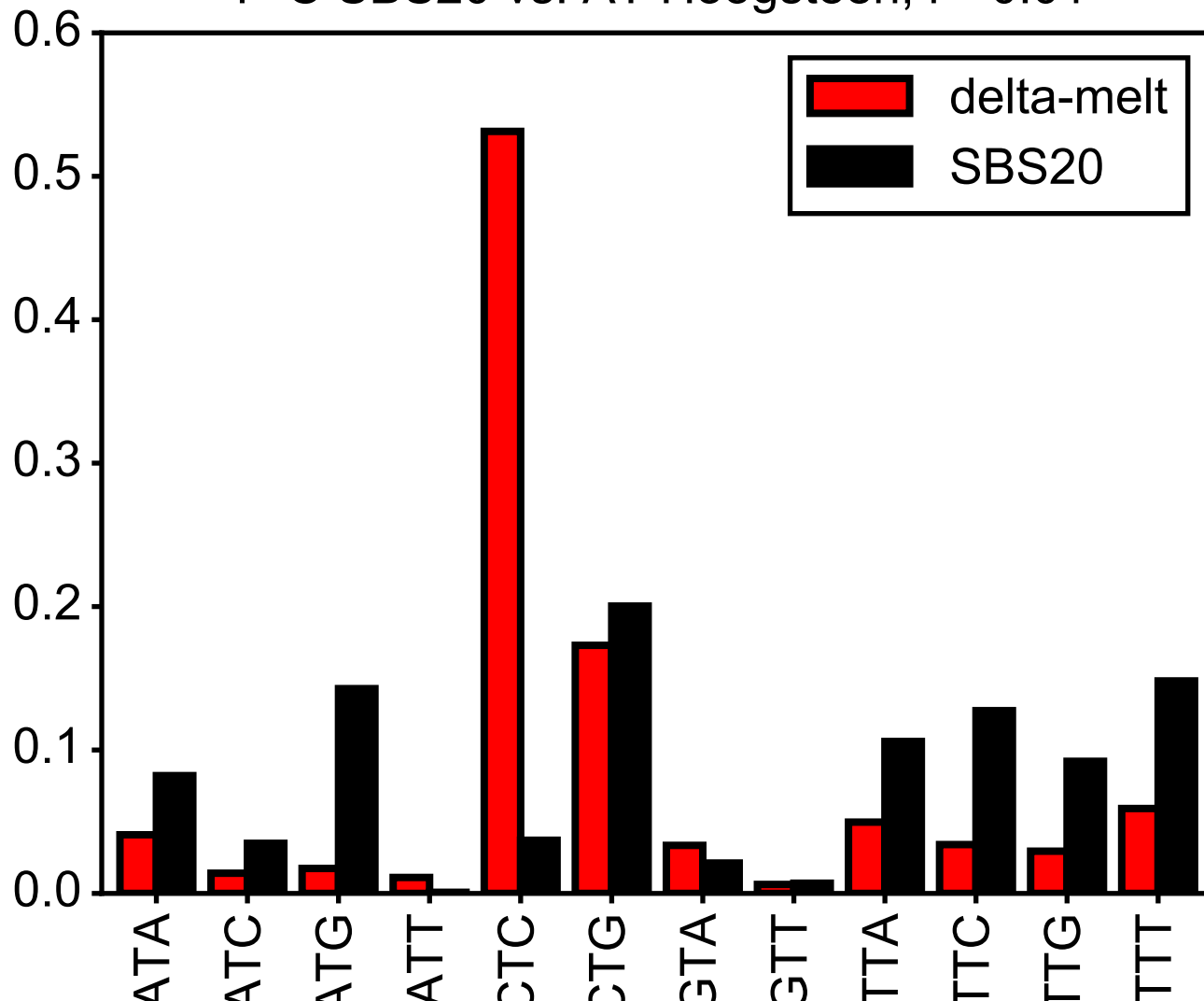
T>G SBS19 vs. AT Hoogsteen, $r=0.11$



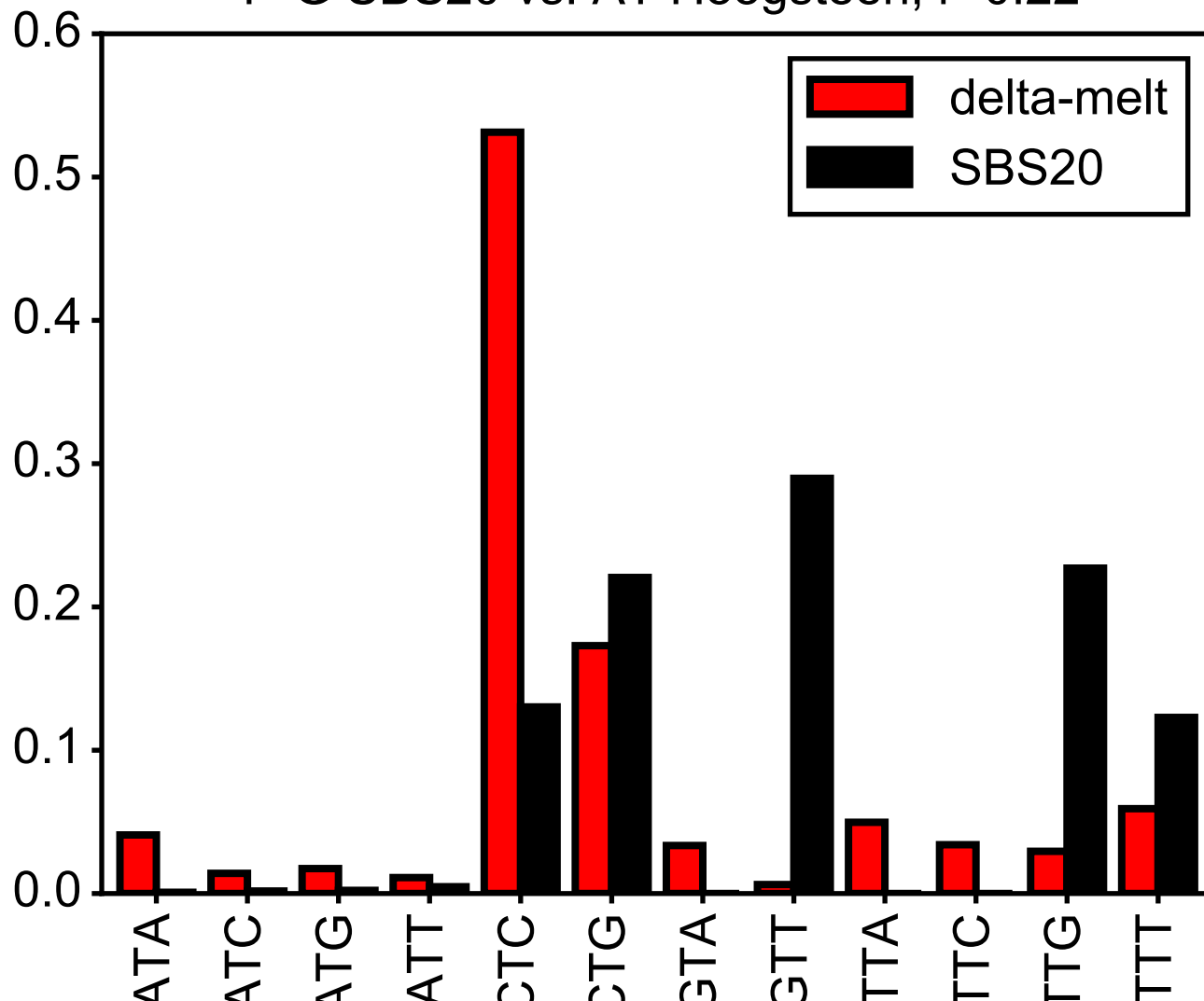
T>A SBS19 vs. AT Hoogsteen, $r=-0.16$



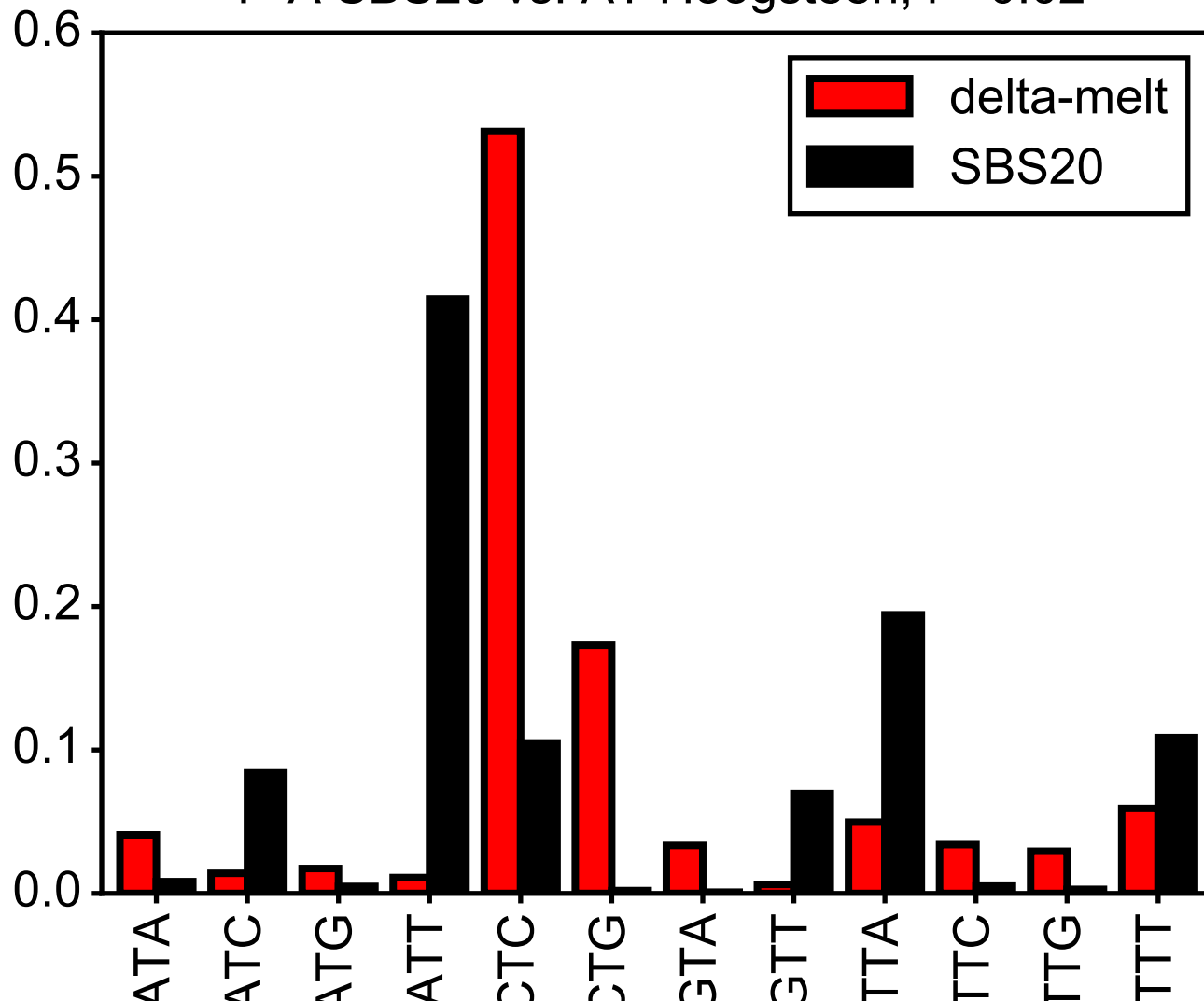
T>C SBS20 vs. AT Hoogsteen, $r=-0.01$



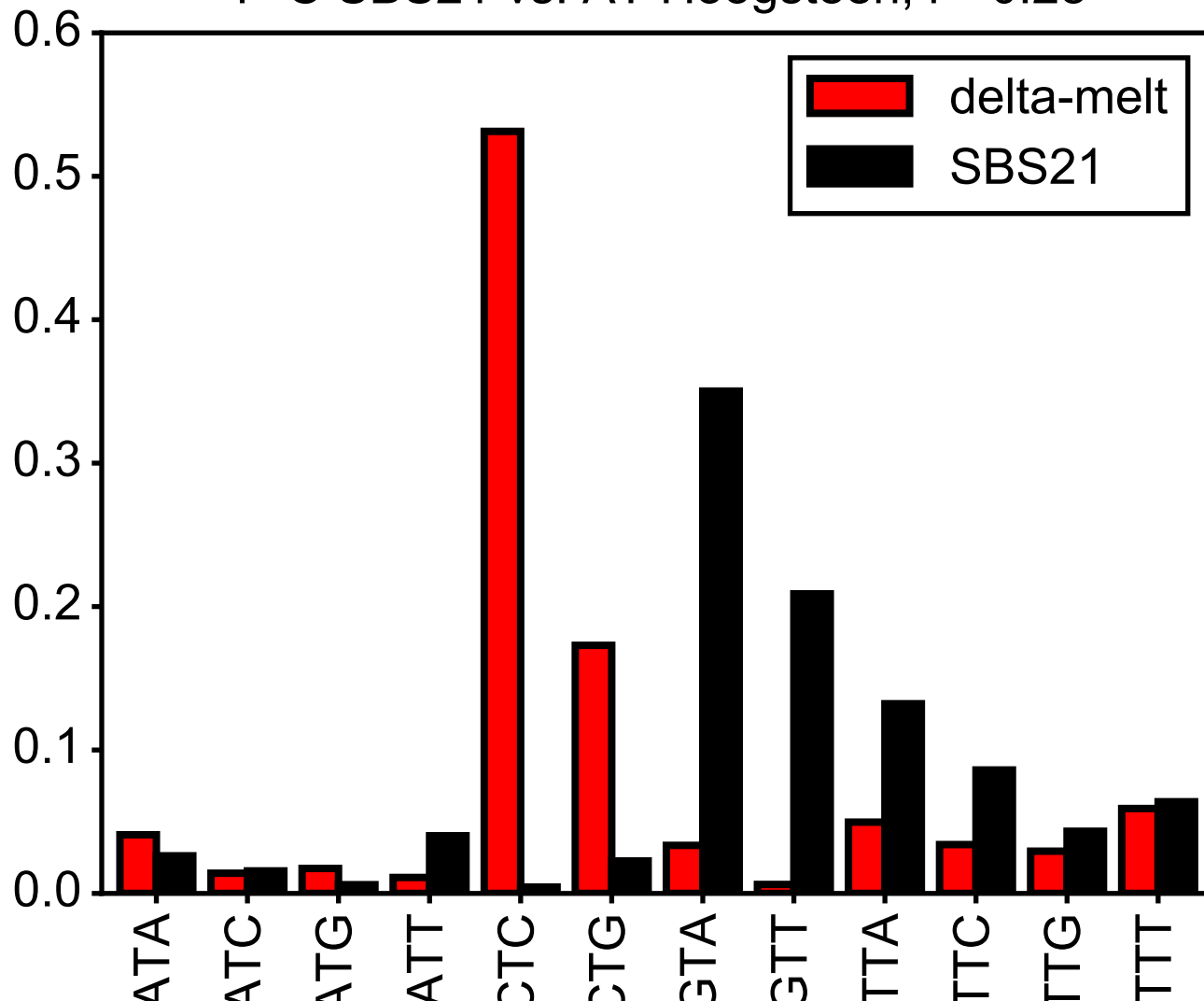
T>G SBS20 vs. AT Hoogsteen, $r=0.22$



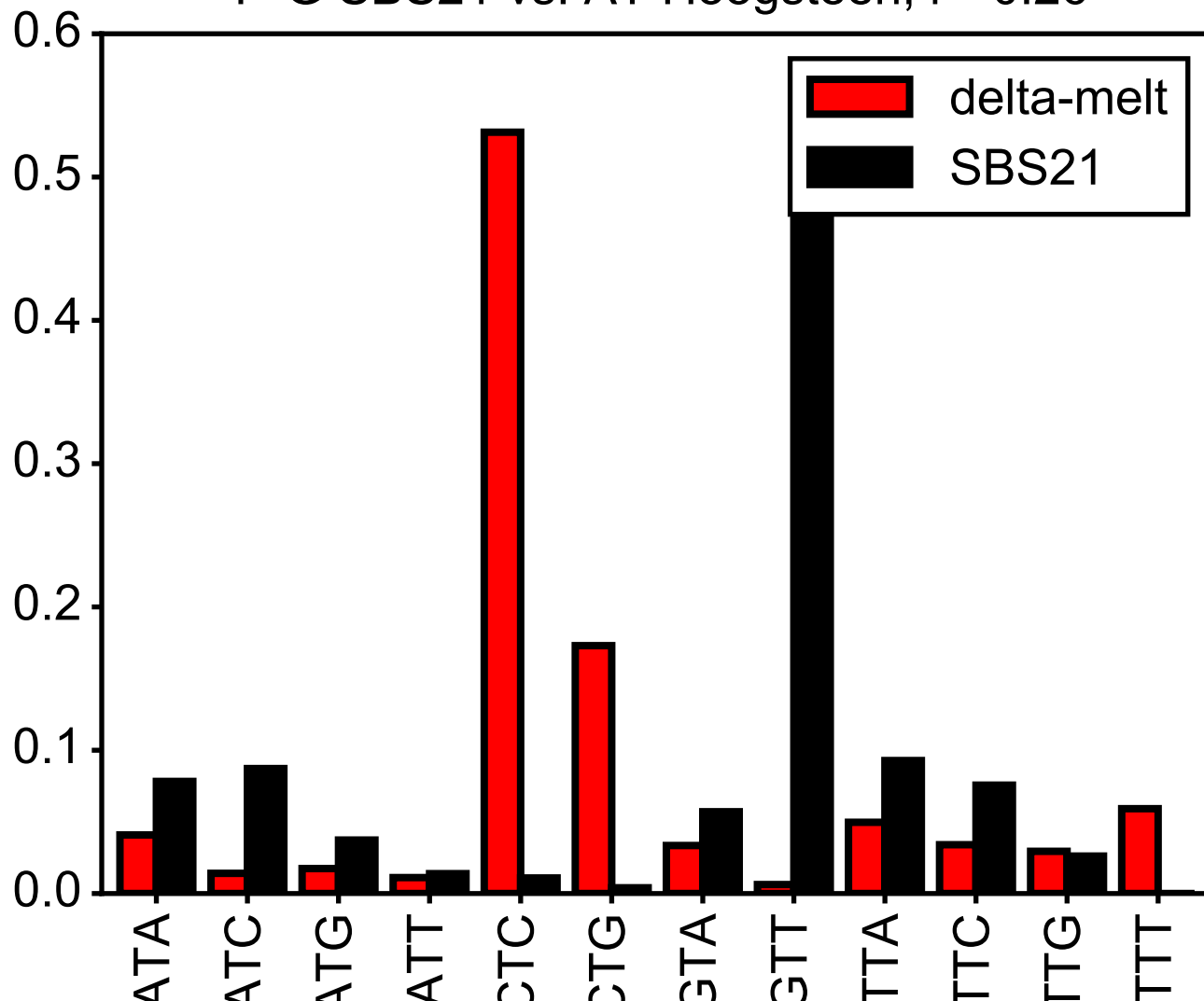
T>A SBS20 vs. AT Hoogsteen, $r=-0.02$



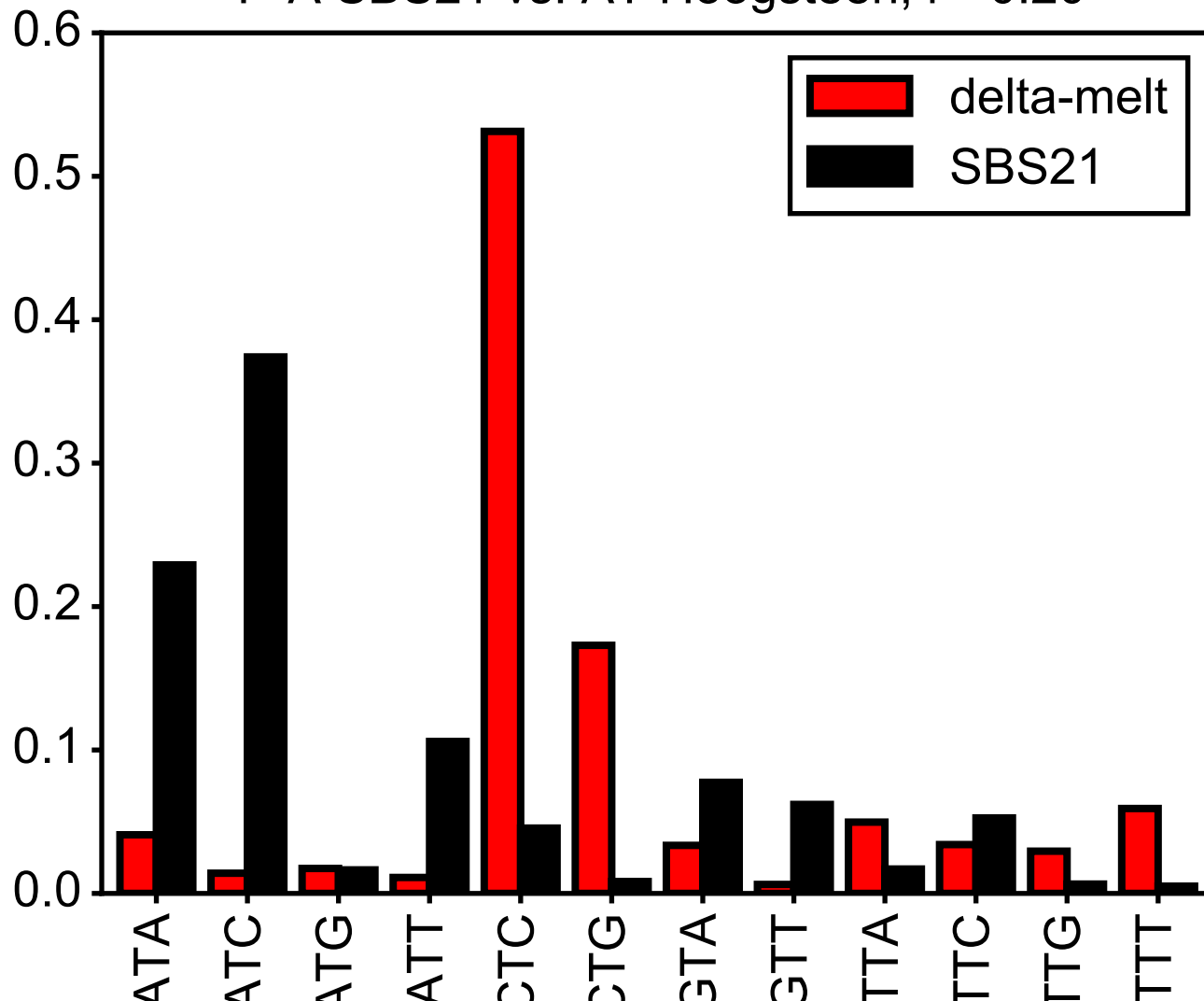
T>C SBS21 vs. AT Hoogsteen, $r=-0.28$



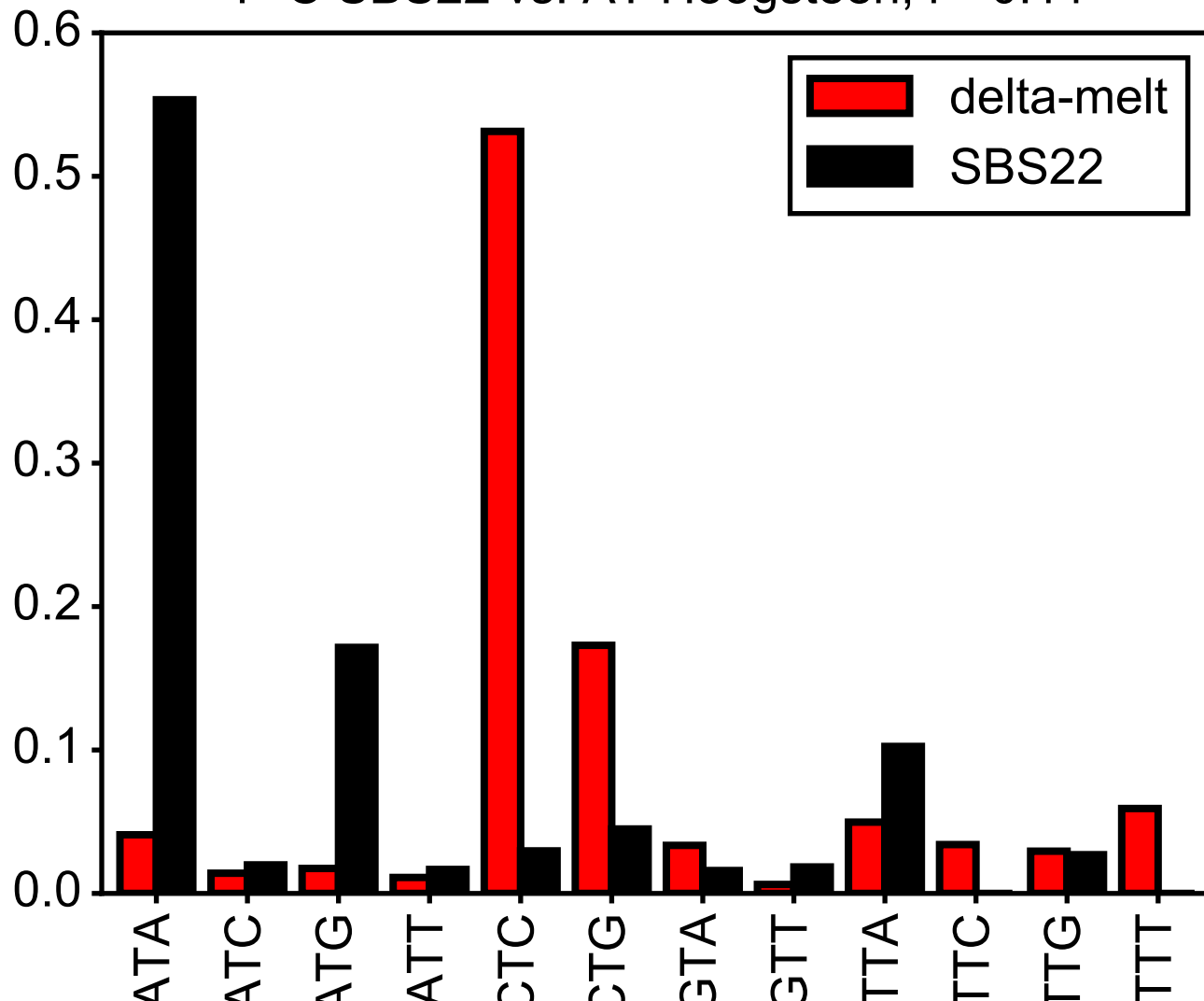
T>G SBS21 vs. AT Hoogsteen, $r=-0.26$



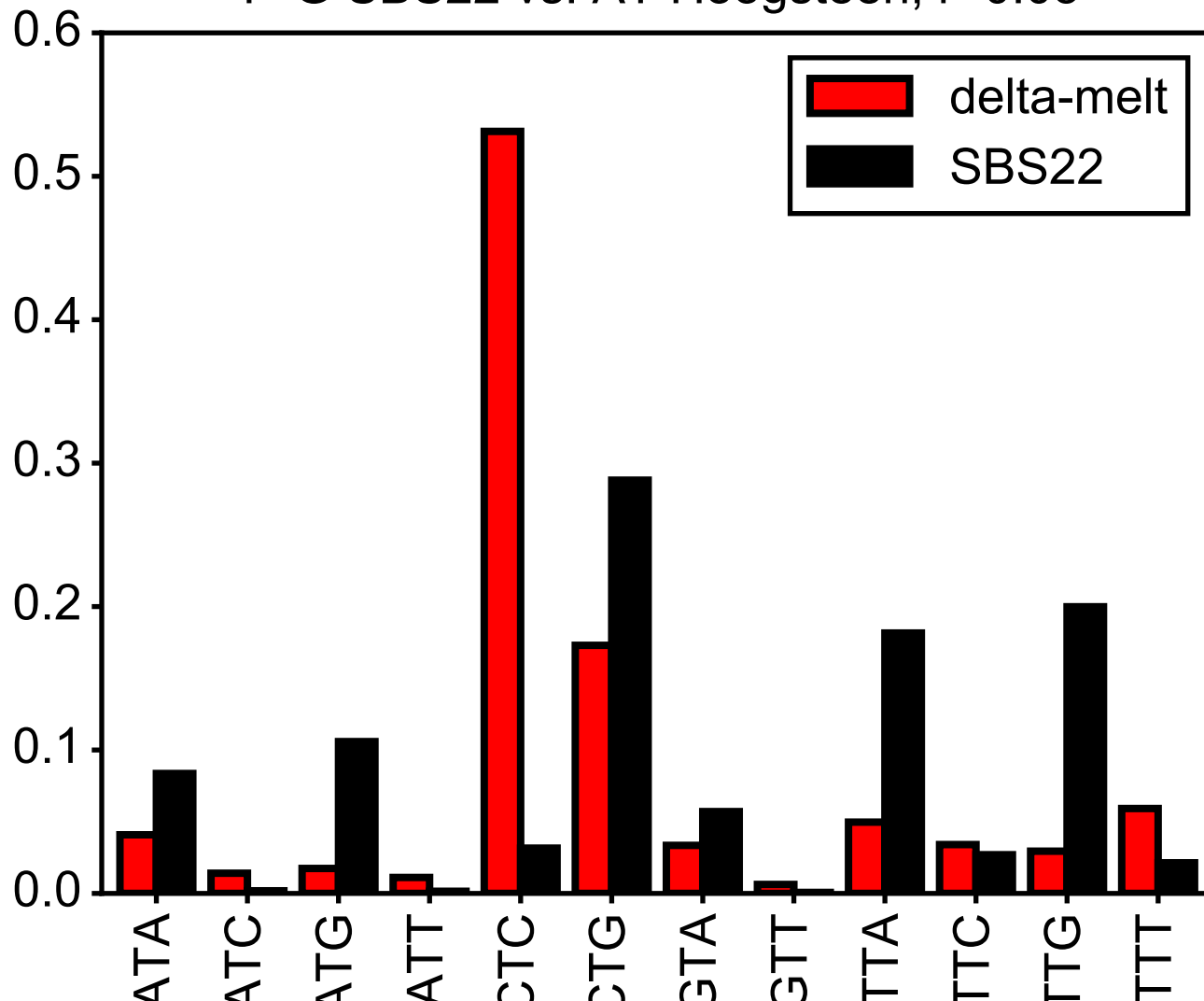
T>A SBS21 vs. AT Hoogsteen, $r=-0.20$



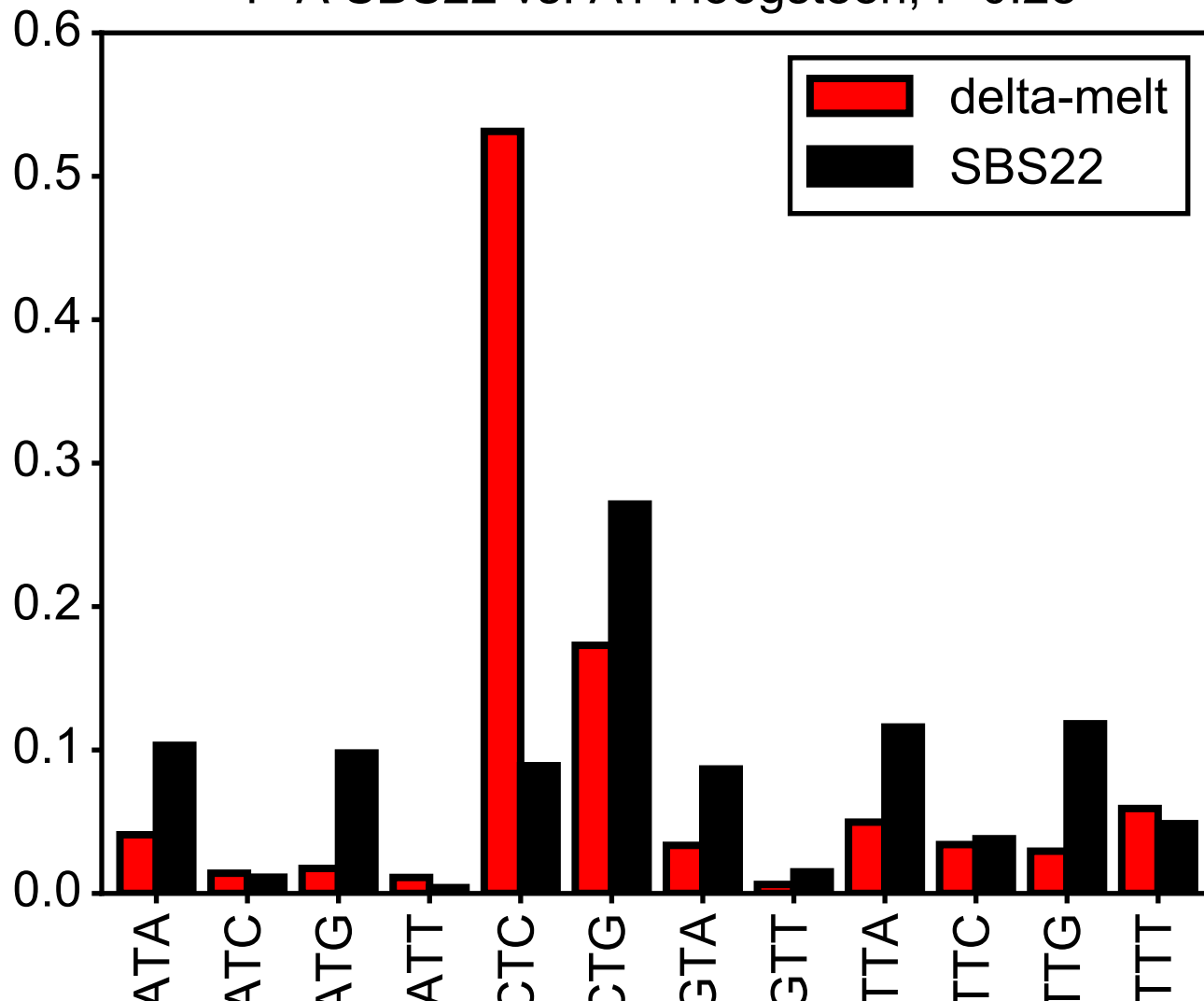
T>C SBS22 vs. AT Hoogsteen, $r=-0.11$



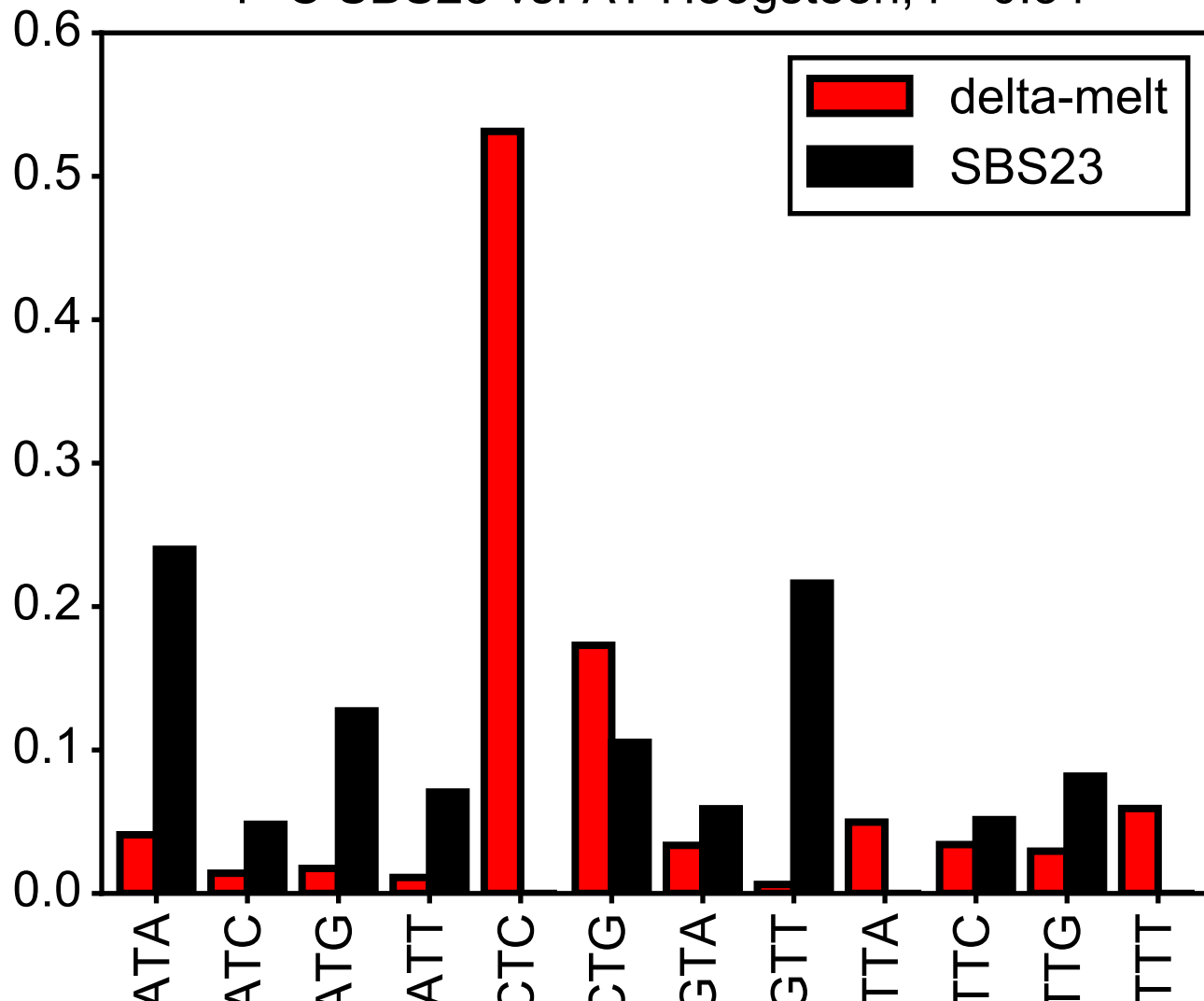
T>G SBS22 vs. AT Hoogsteen, $r=0.05$



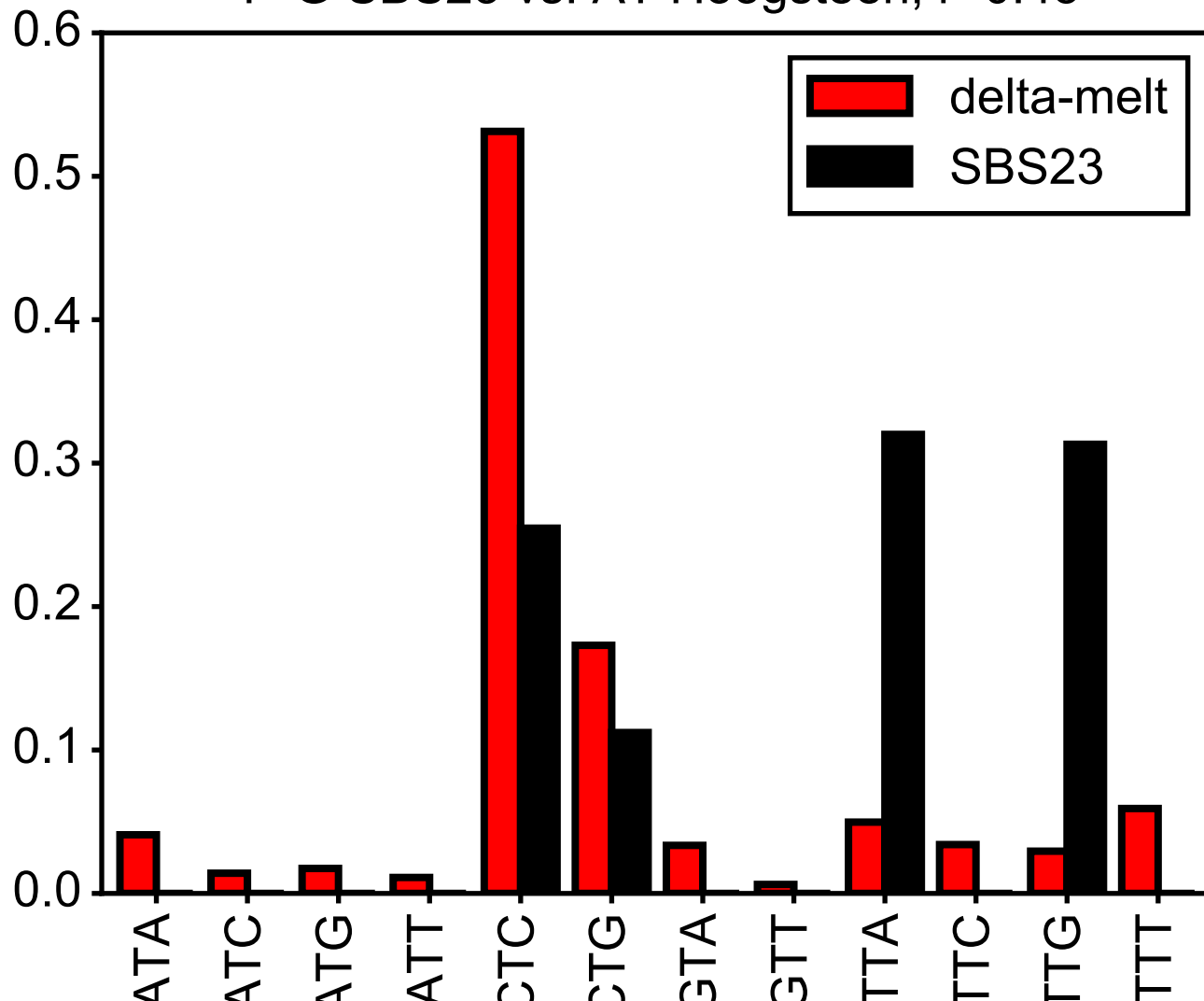
T>A SBS22 vs. AT Hoogsteen, $r=0.28$



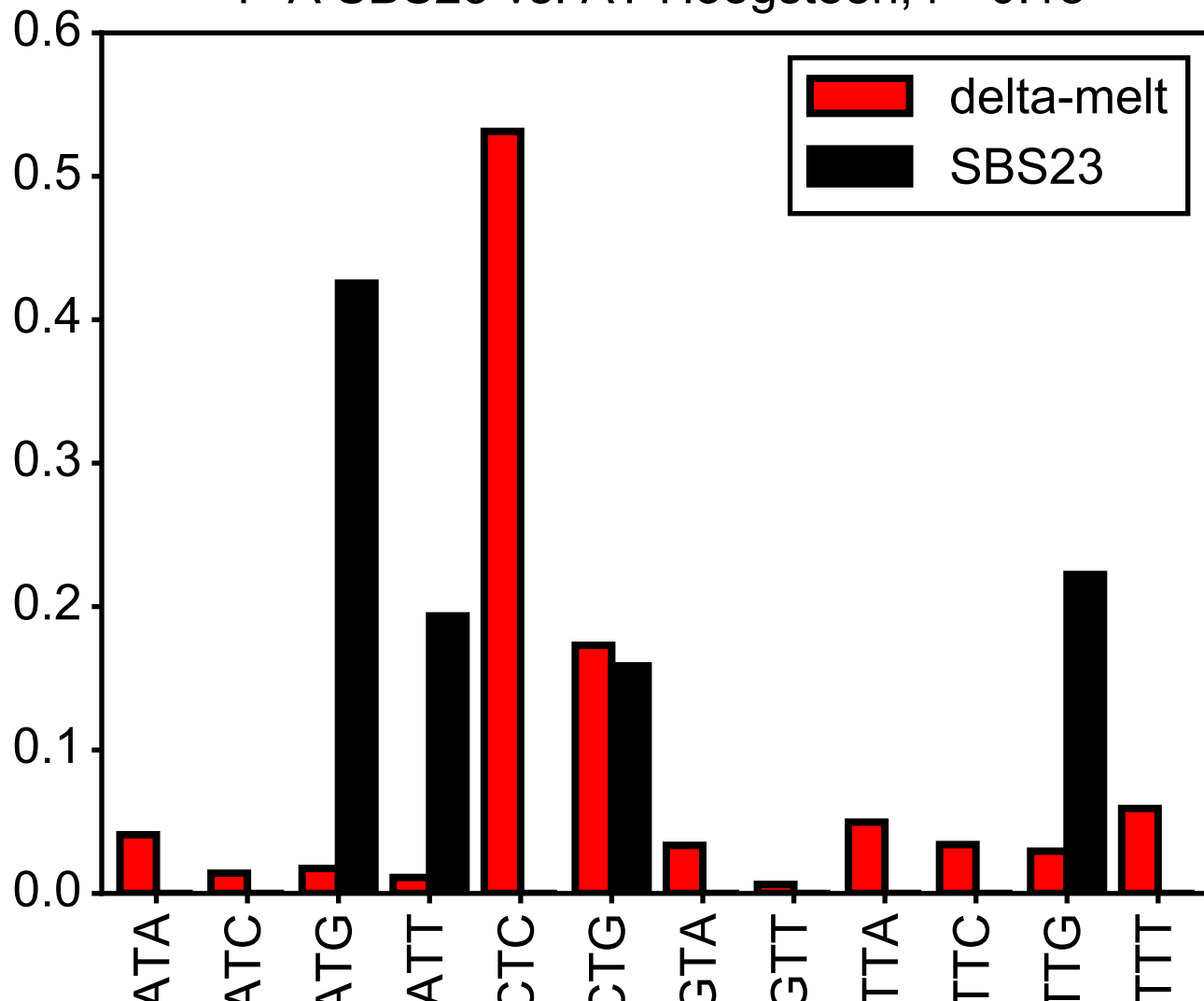
T>C SBS23 vs. AT Hoogsteen, $r=-0.34$



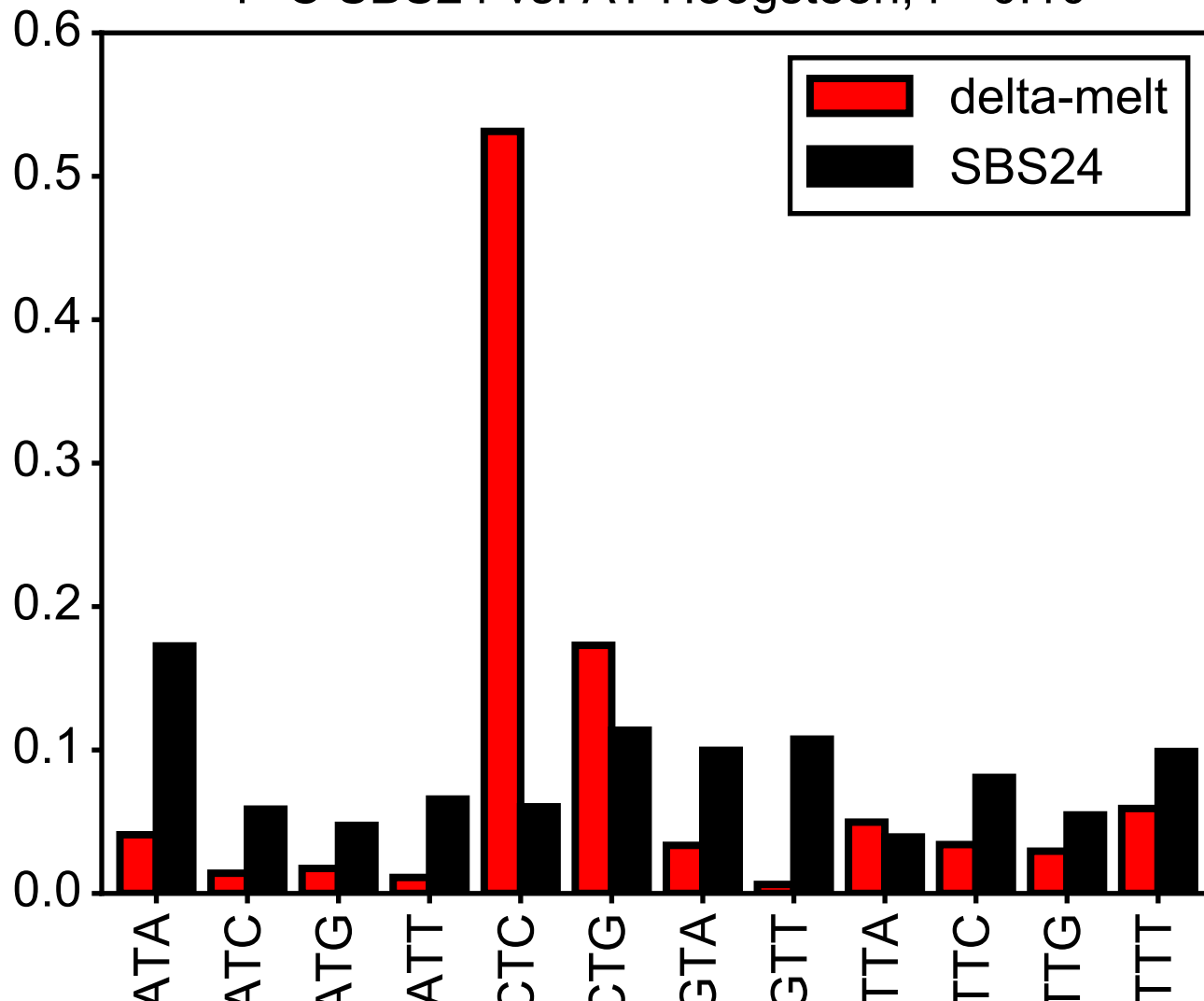
T>G SBS23 vs. AT Hoogsteen, $r=0.45$



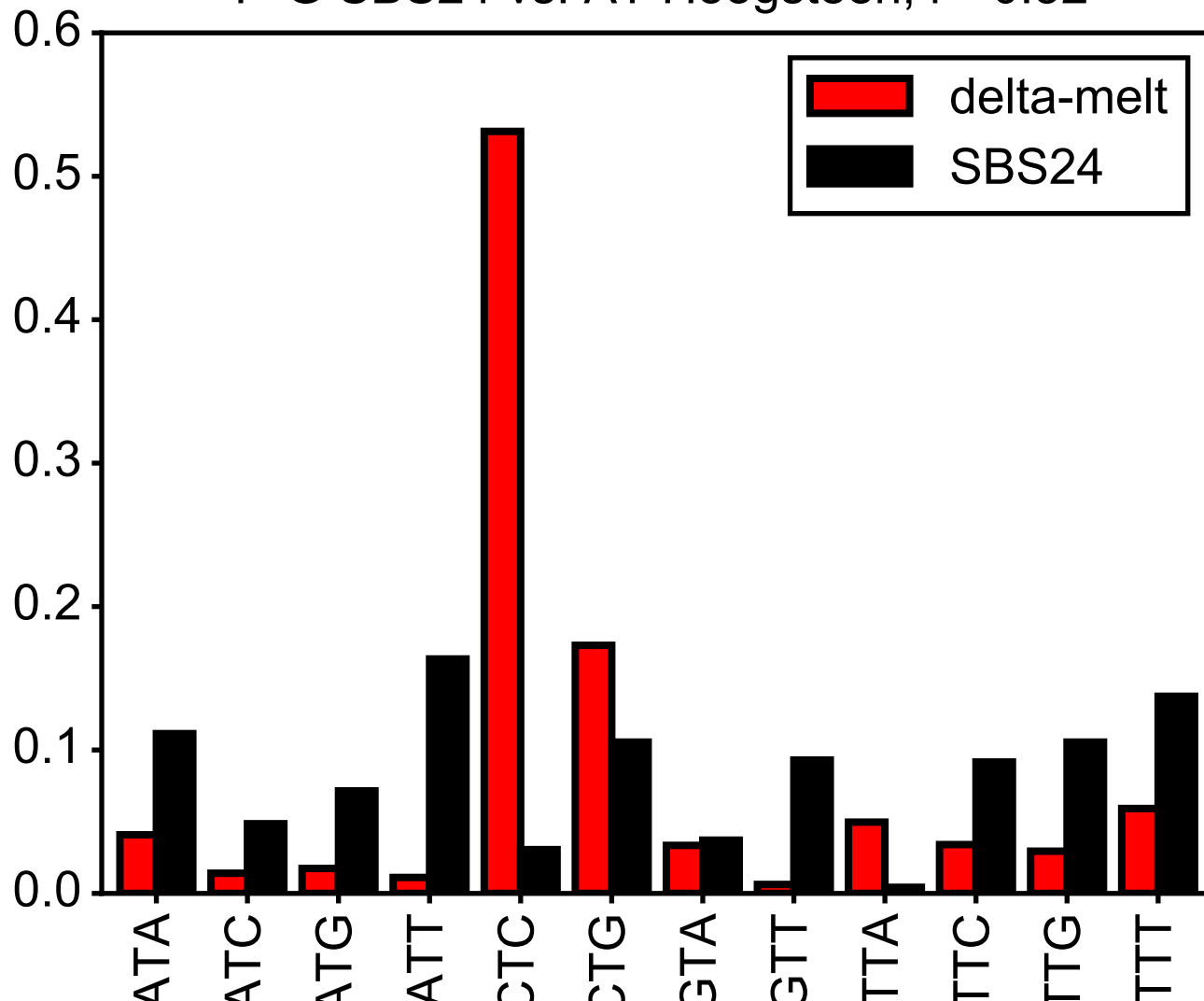
T>A SBS23 vs. AT Hoogsteen, $r=-0.18$



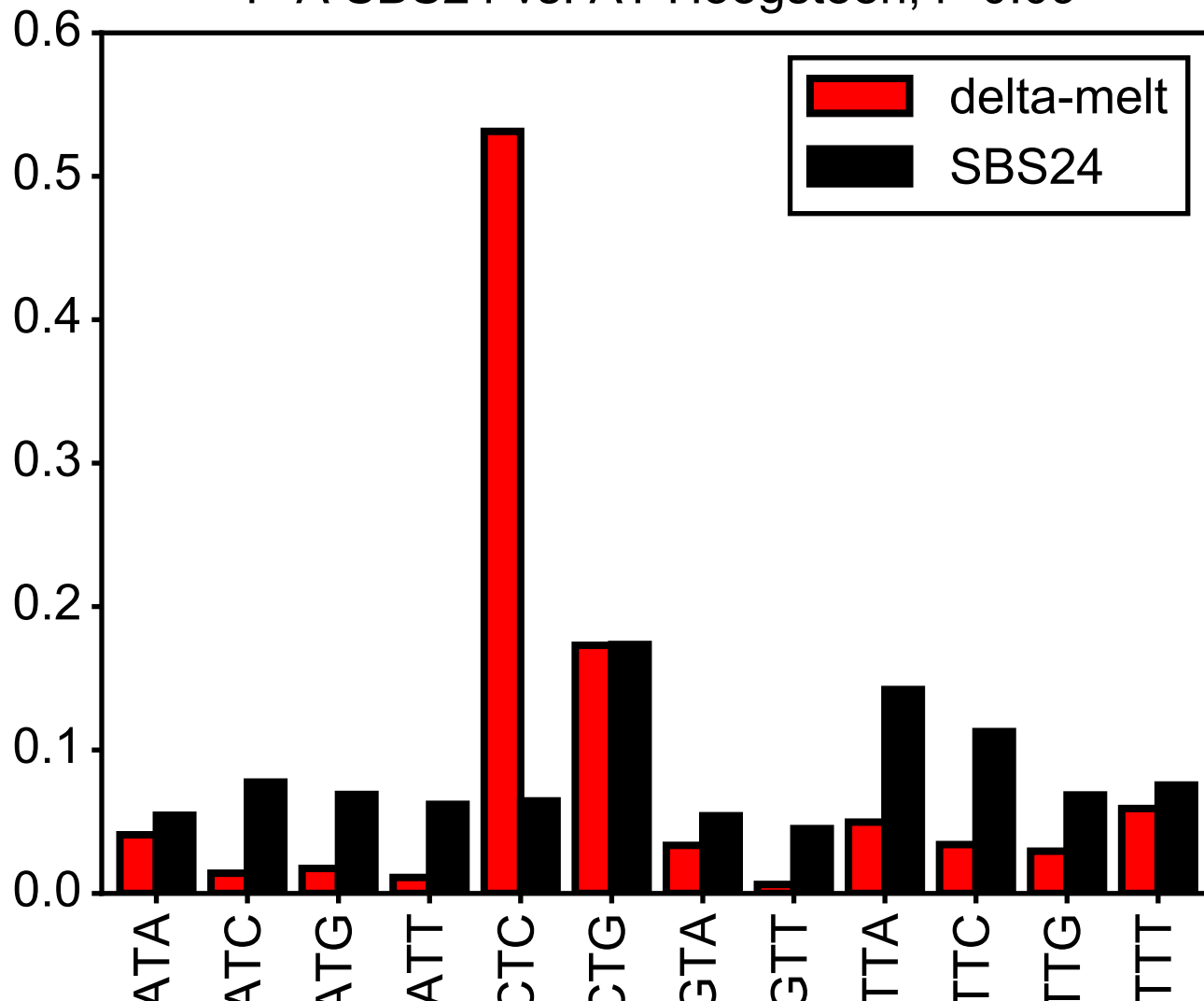
T>C SBS24 vs. AT Hoogsteen, $r=-0.10$



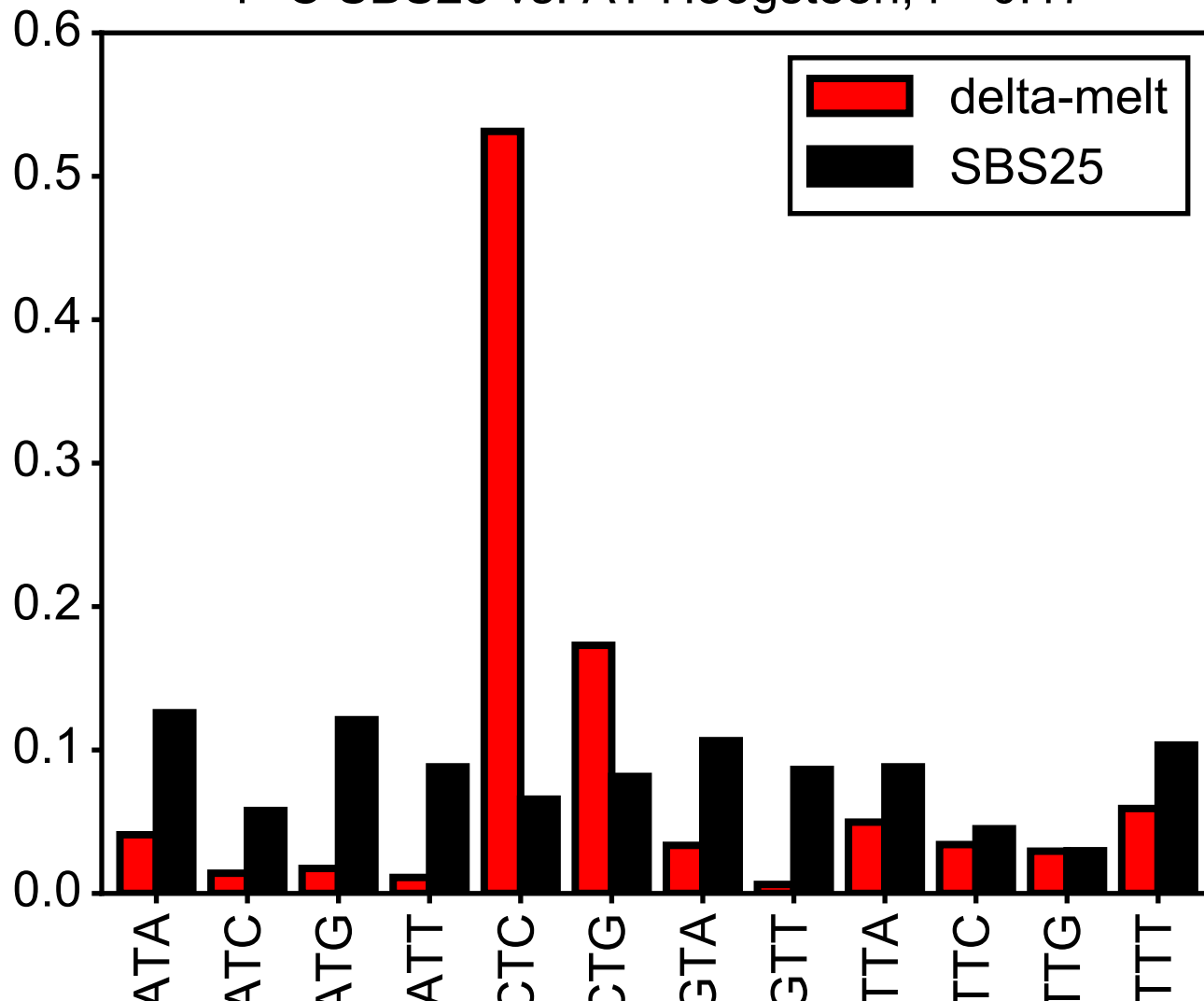
T>G SBS24 vs. AT Hoogsteen, $r=-0.32$



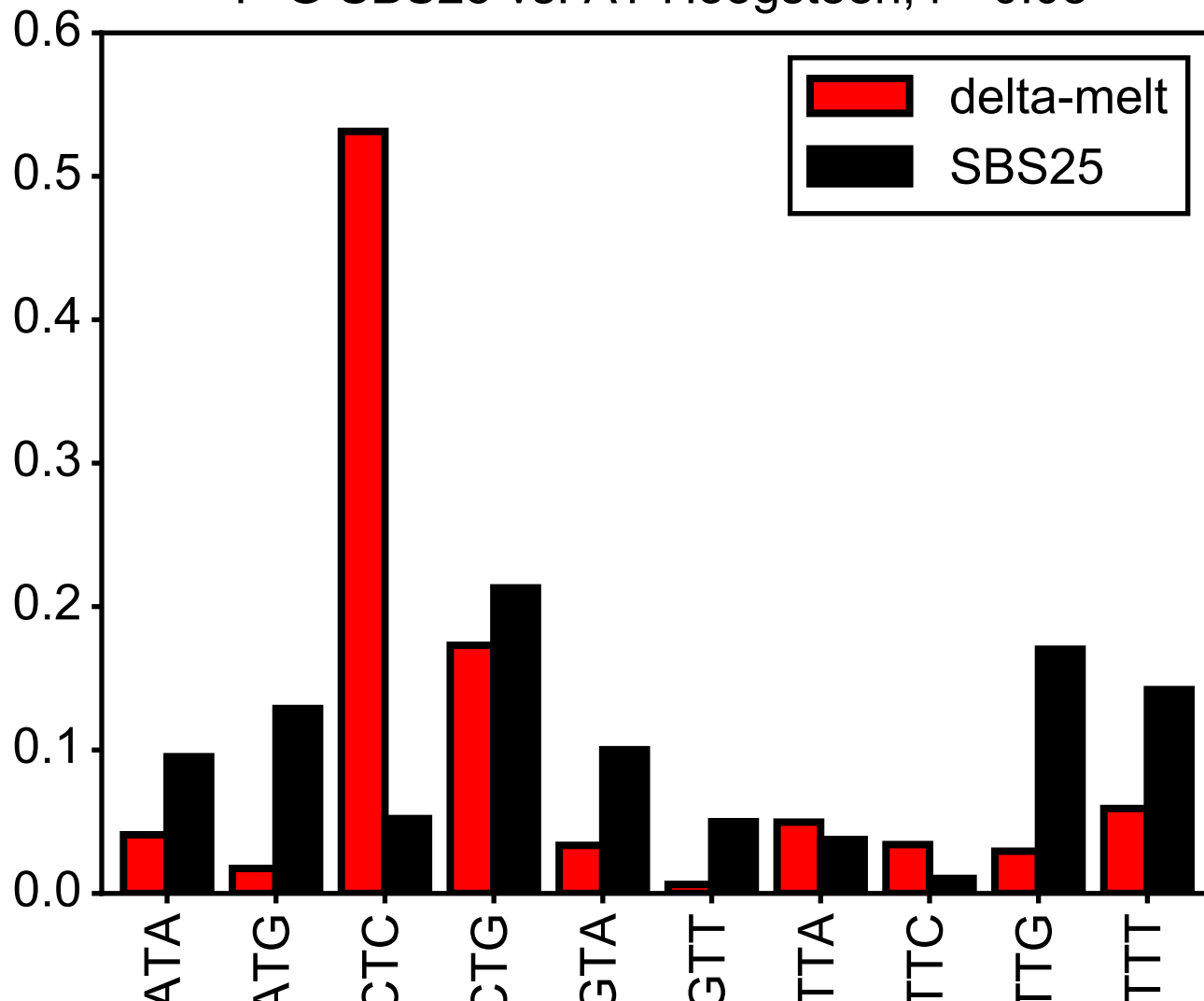
T>A SBS24 vs. AT Hoogsteen, $r=0.09$



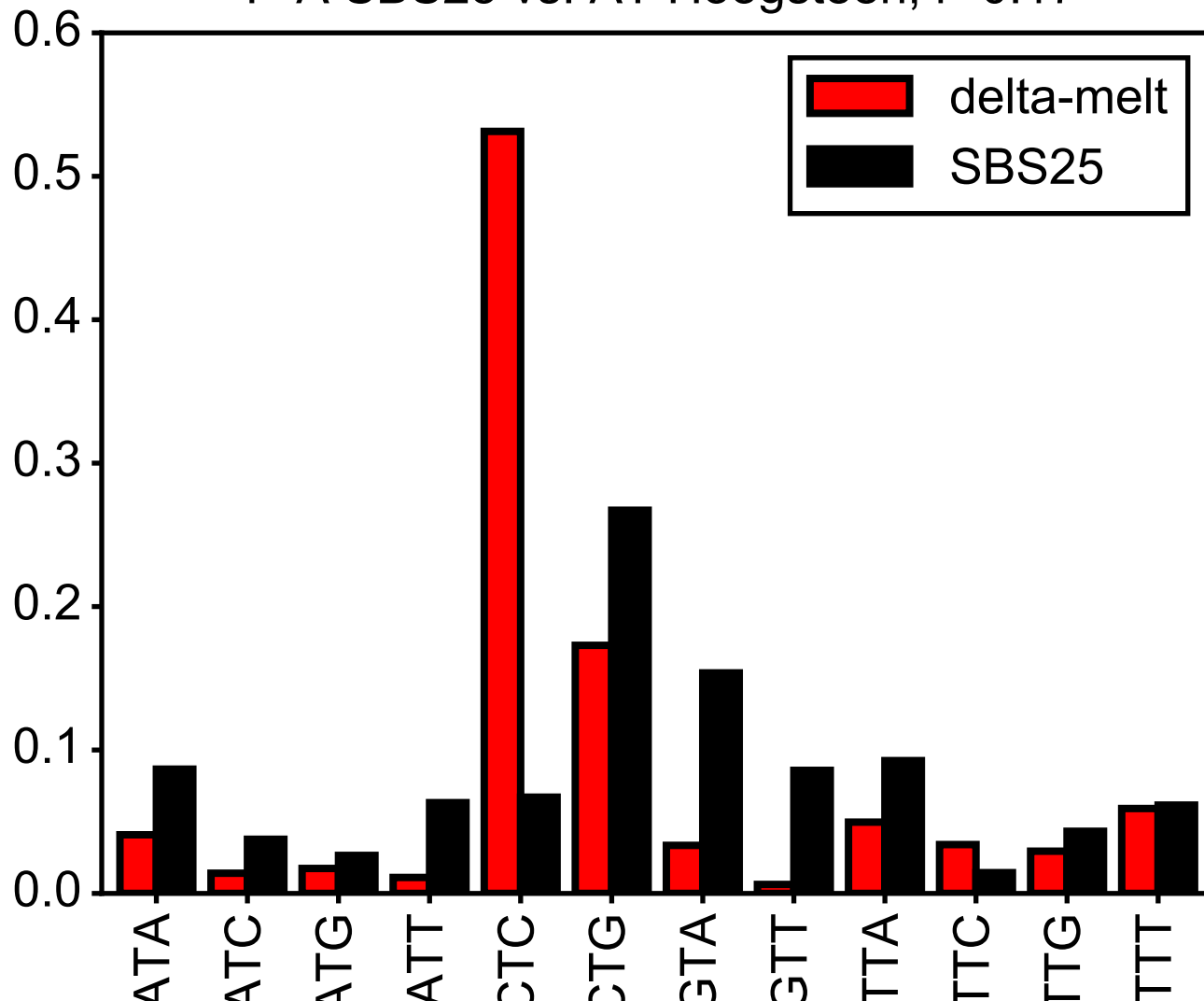
T>C SBS25 vs. AT Hoogsteen, $r=-0.17$



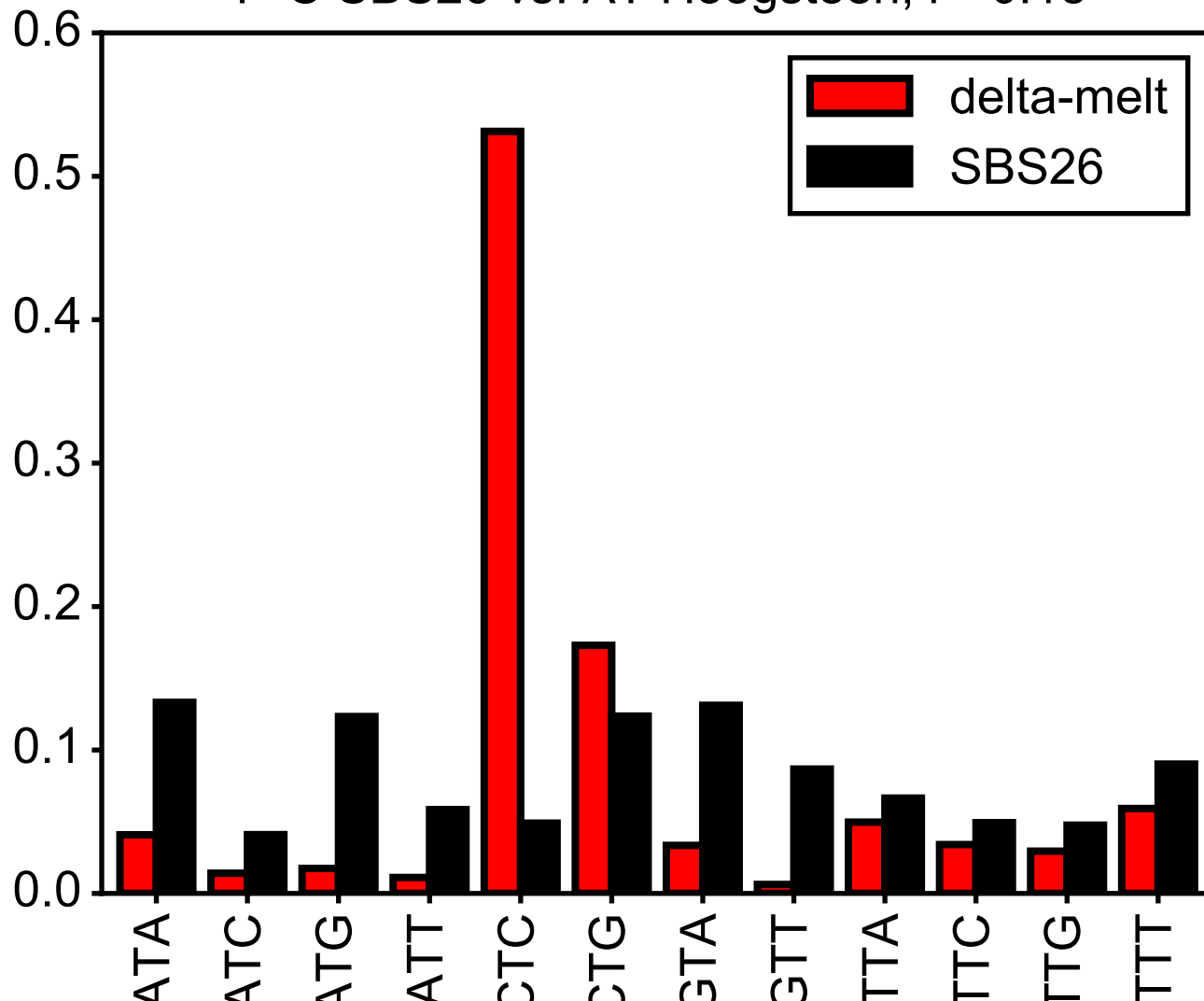
T>G SBS25 vs. AT Hoogsteen, $r=-0.08$



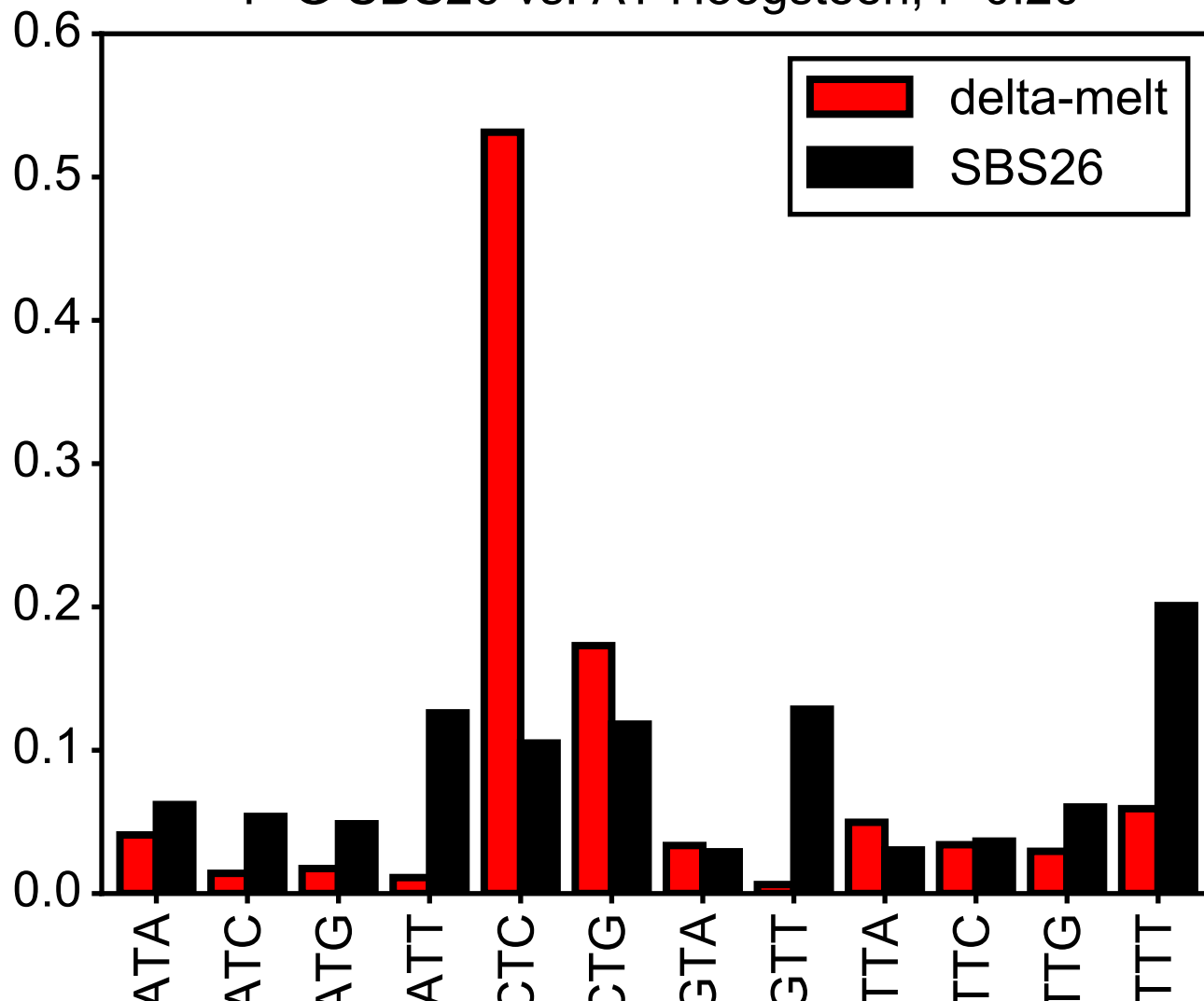
T>A SBS25 vs. AT Hoogsteen, $r=0.17$



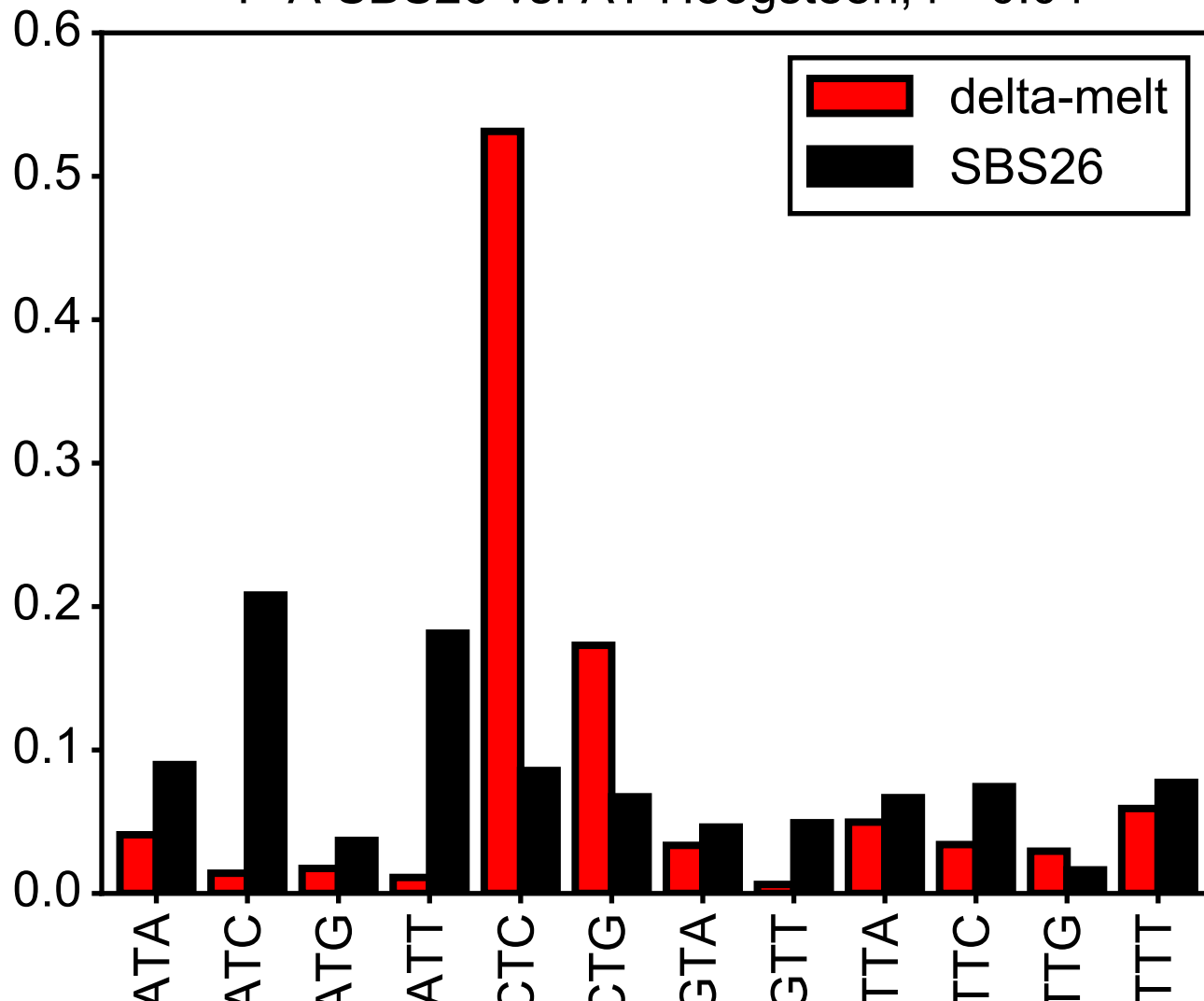
T>C SBS26 vs. AT Hoogsteen, $r=-0.18$



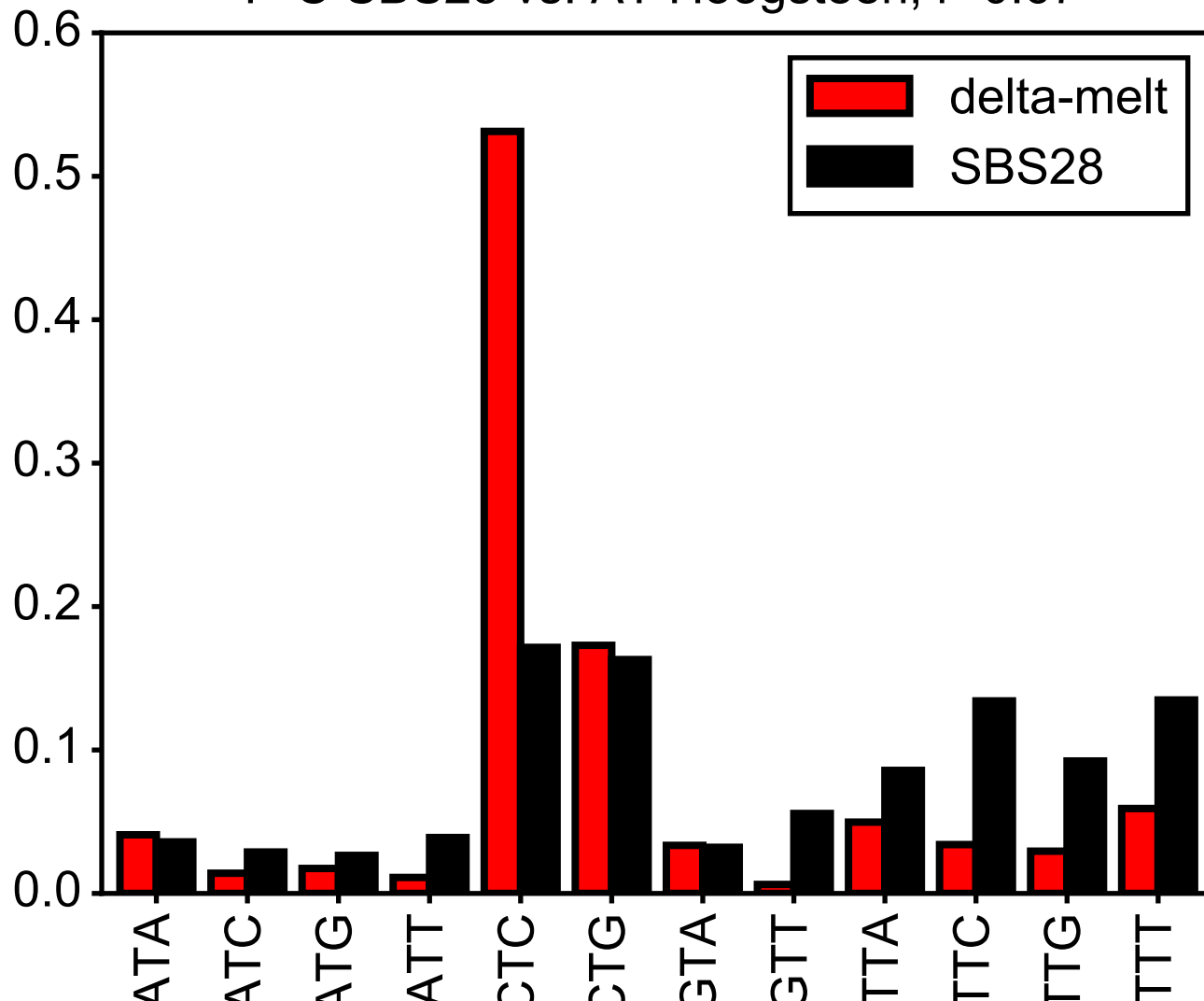
T>G SBS26 vs. AT Hoogsteen, $r=0.20$



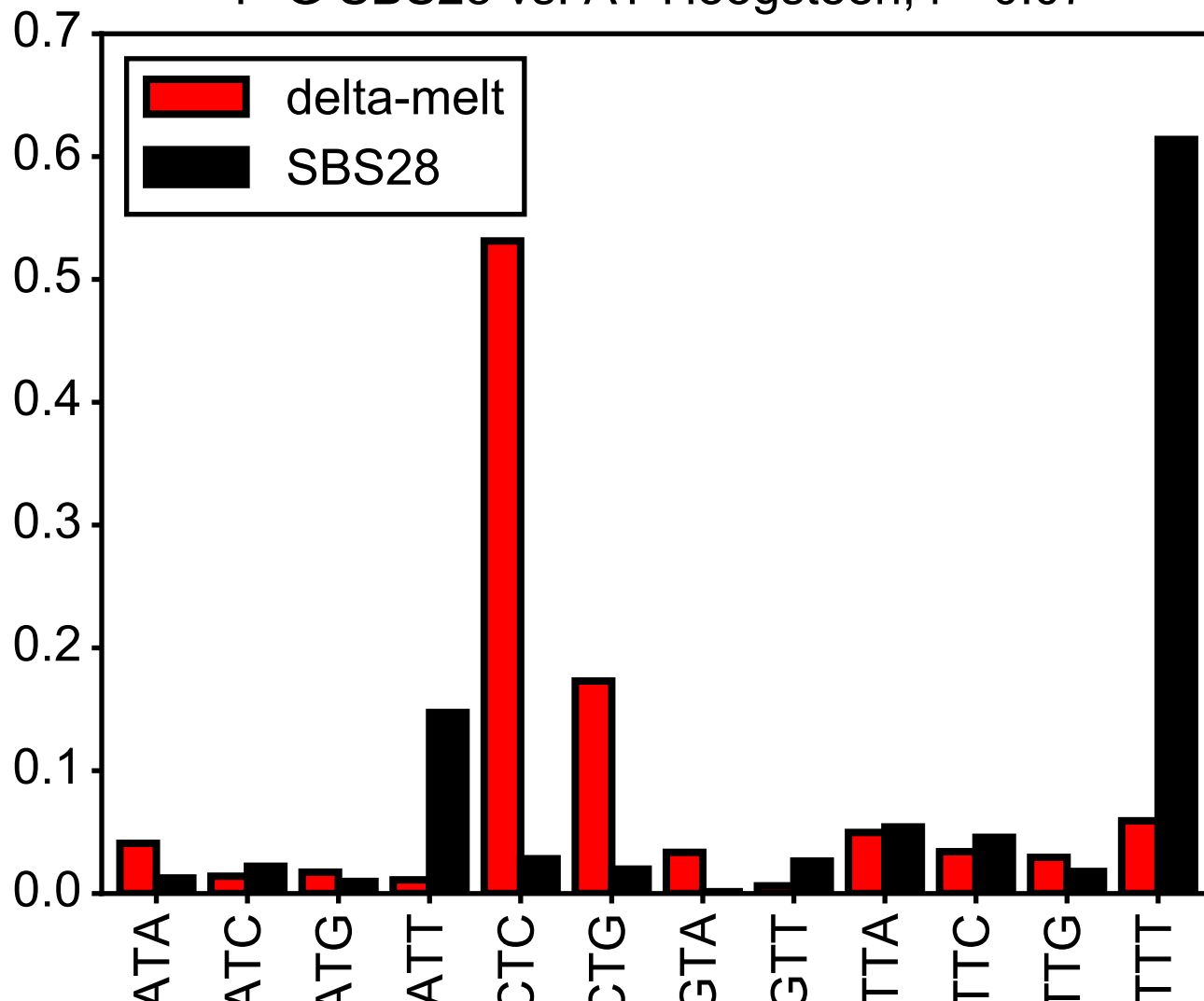
T>A SBS26 vs. AT Hoogsteen, $r=-0.04$



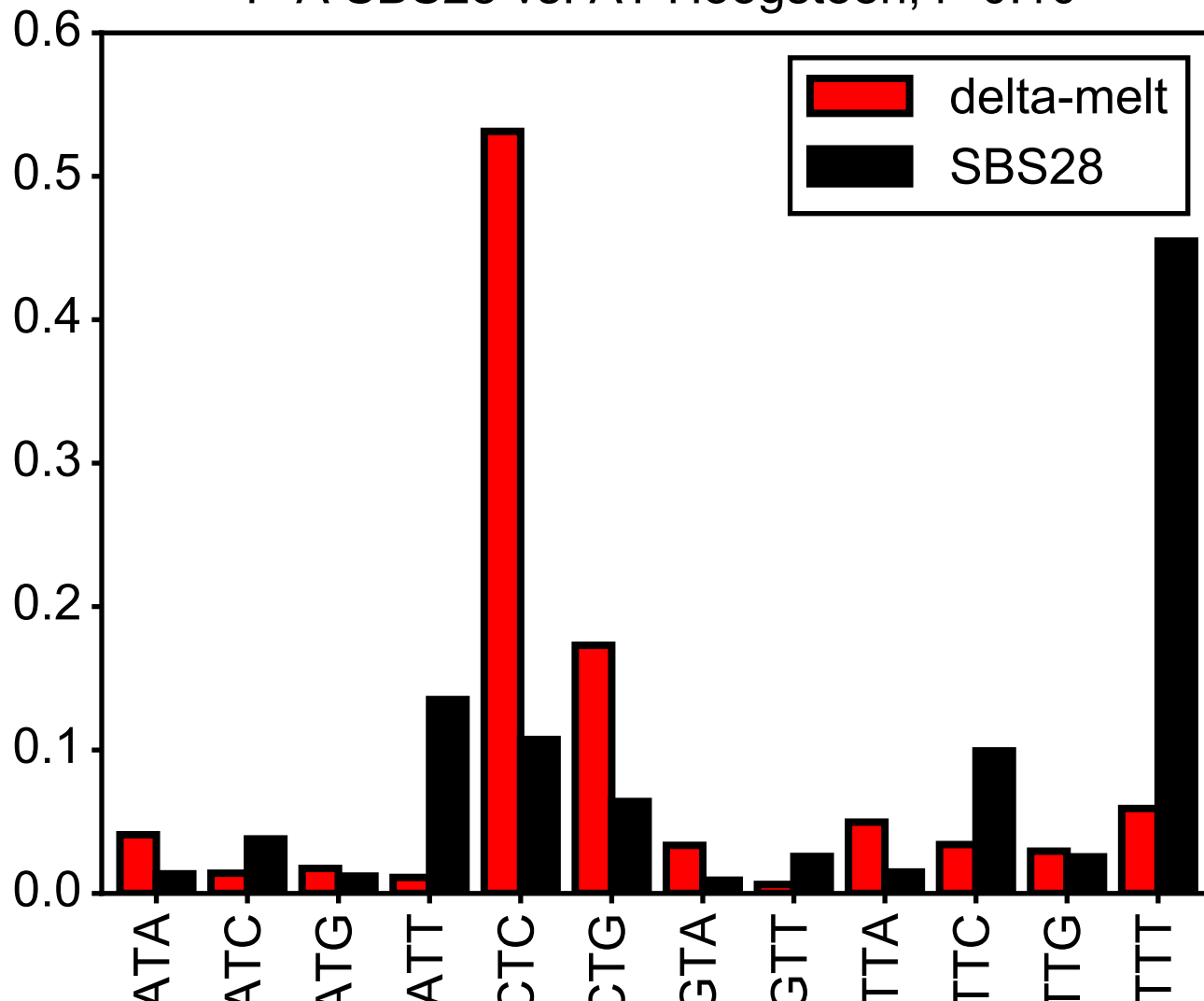
T>C SBS28 vs. AT Hoogsteen, $r=0.67$



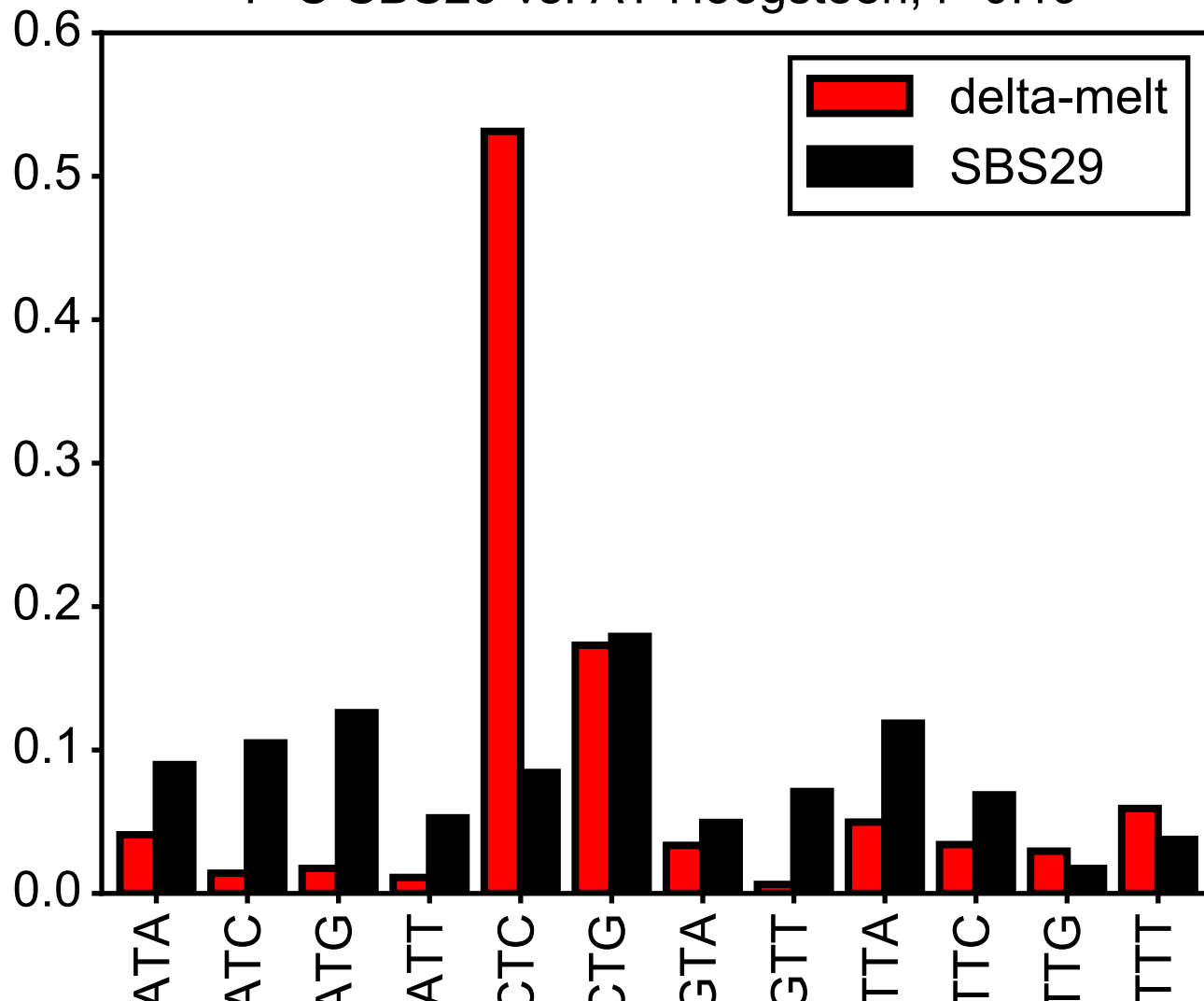
T>G SBS28 vs. AT Hoogsteen, $r=-0.07$



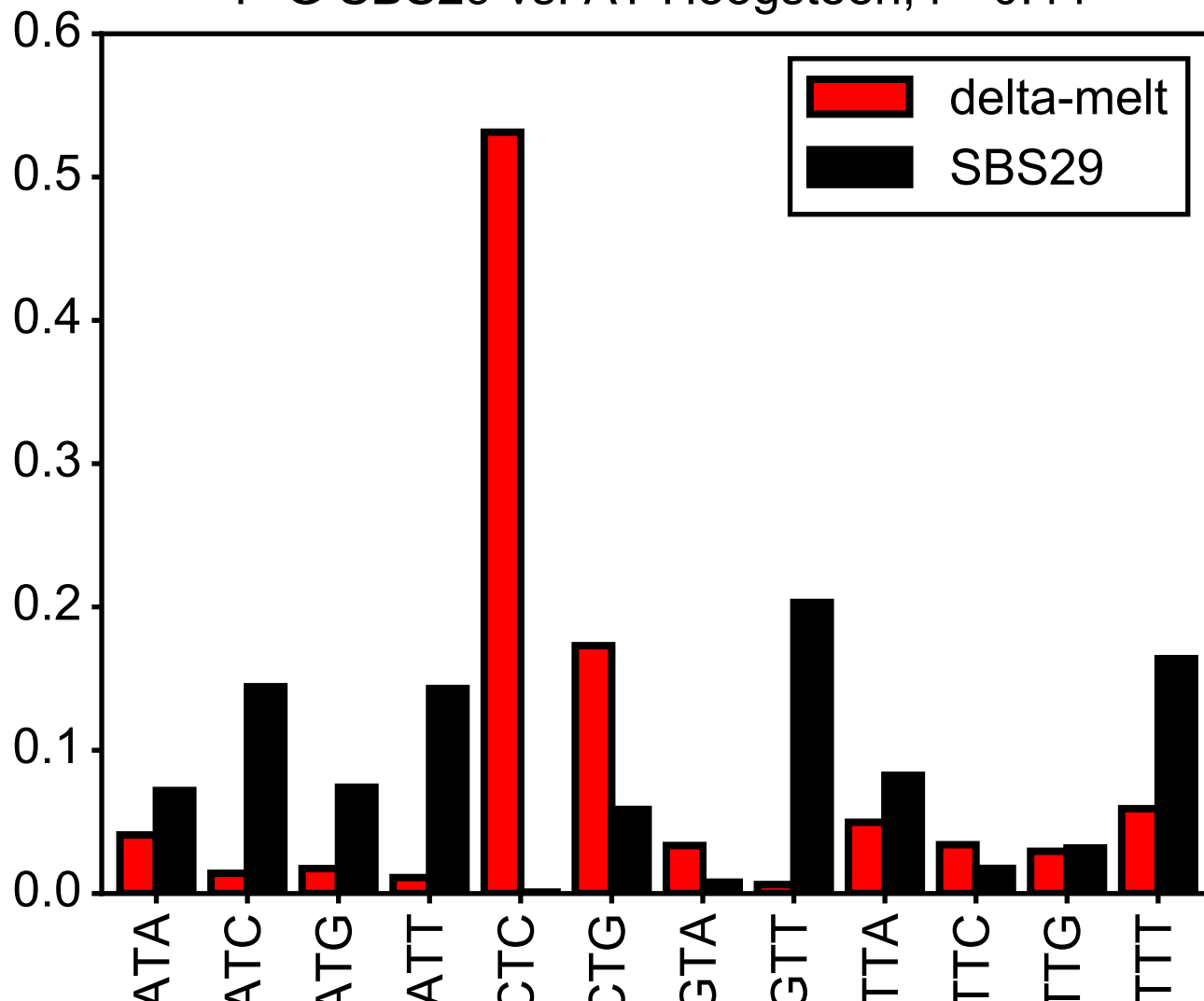
T>A SBS28 vs. AT Hoogsteen, $r=0.10$



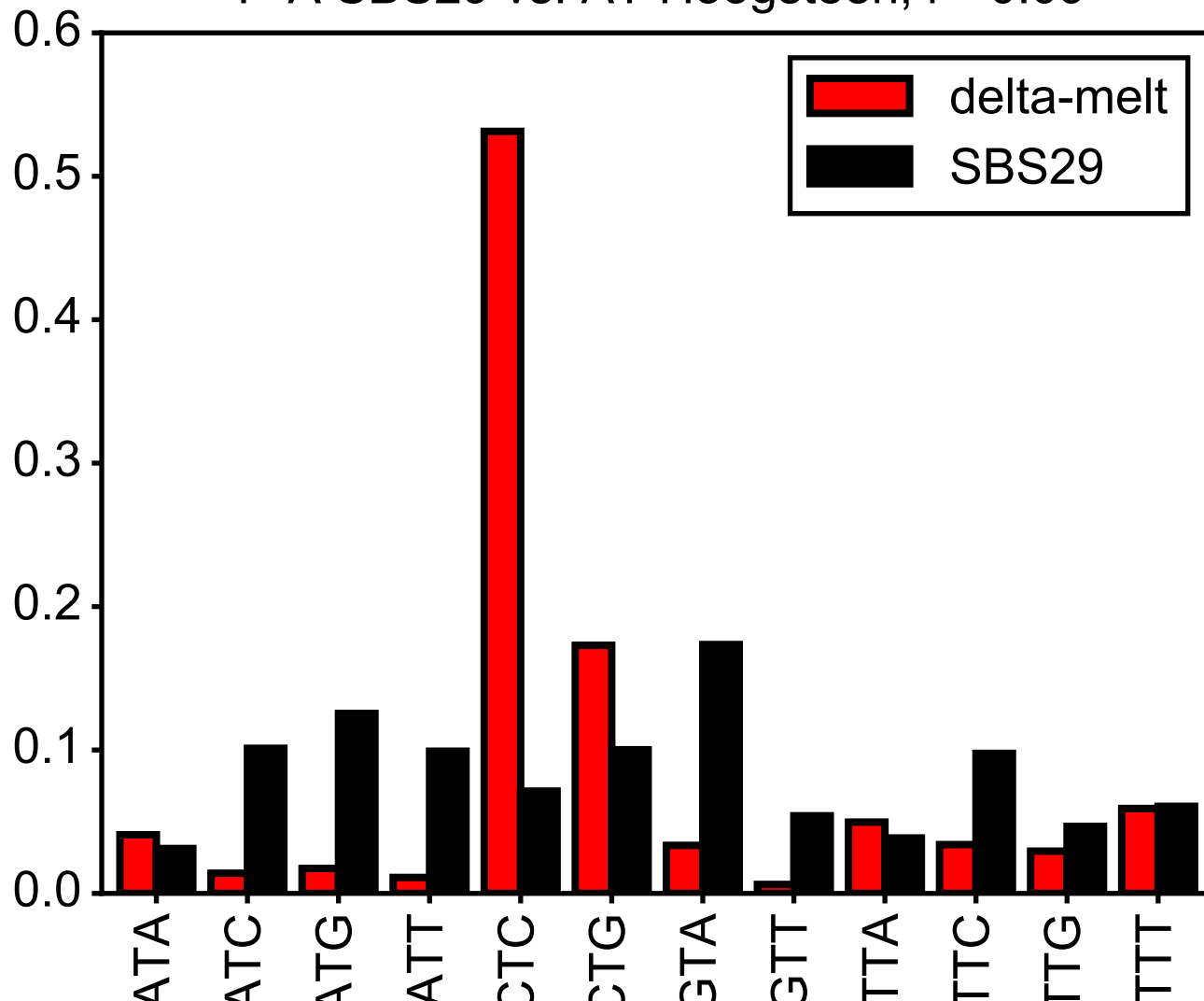
T>C SBS29 vs. AT Hoogsteen, $r=0.19$



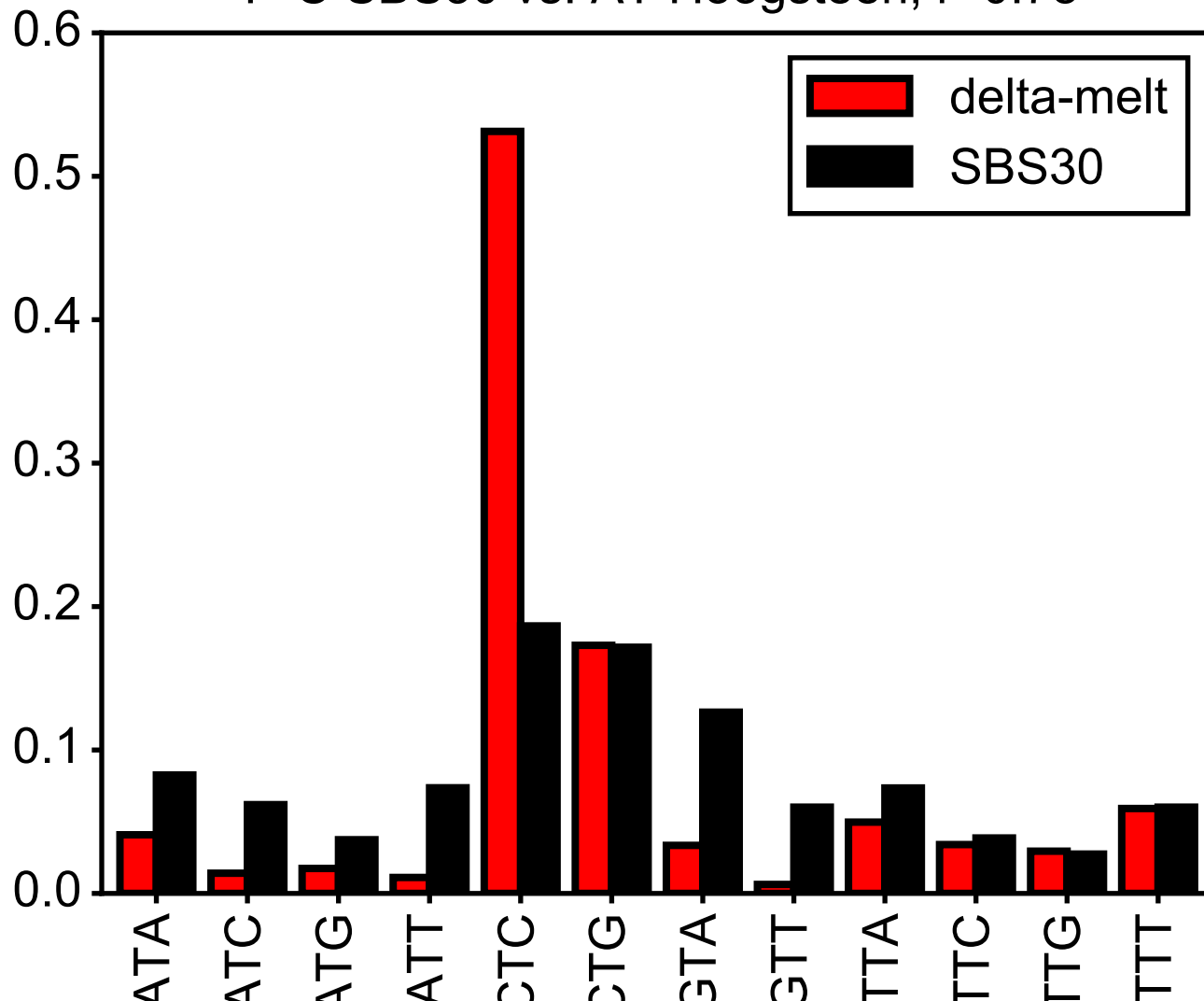
T>G SBS29 vs. AT Hoogsteen, $r=-0.44$



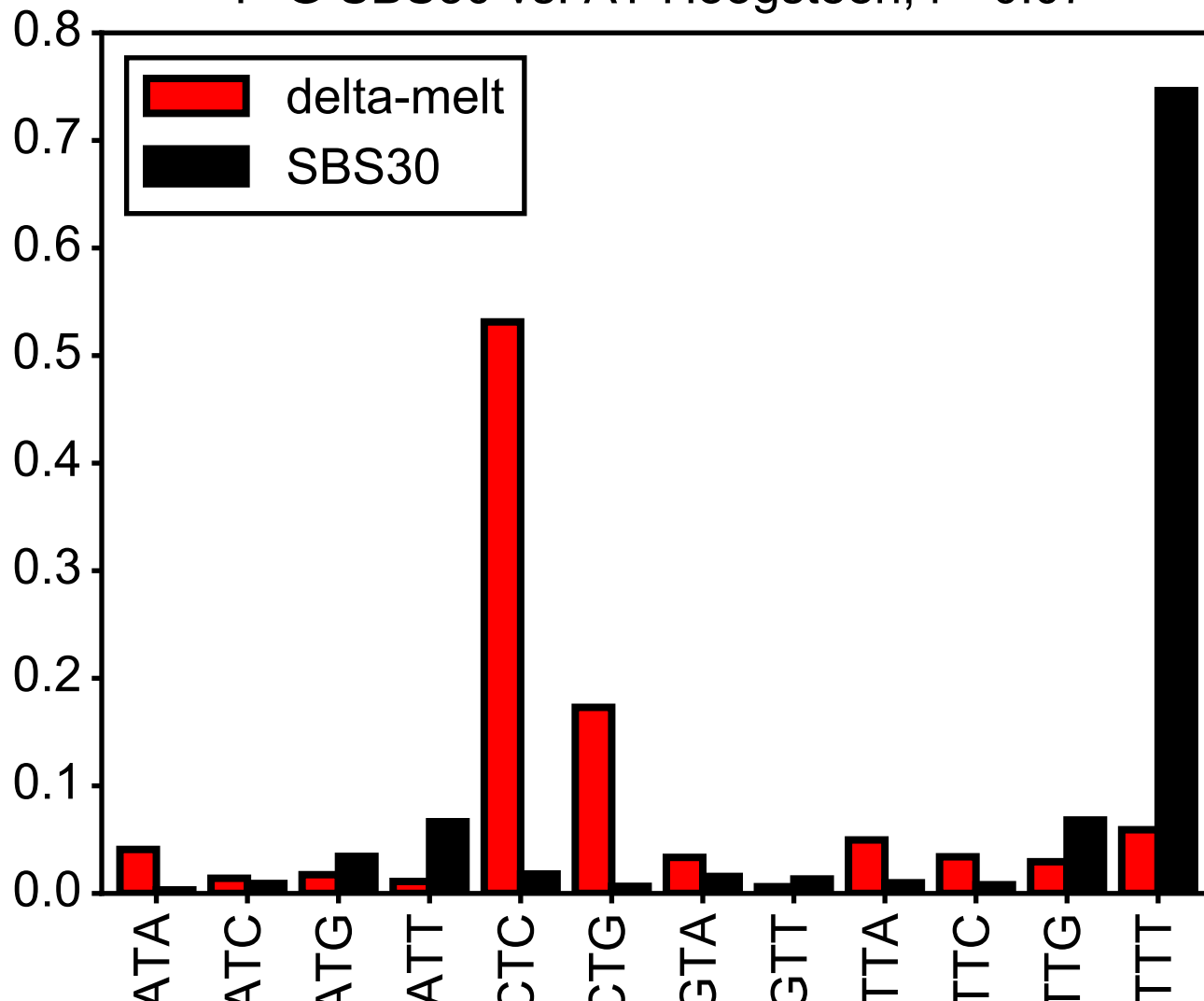
T>A SBS29 vs. AT Hoogsteen, $r=-0.09$



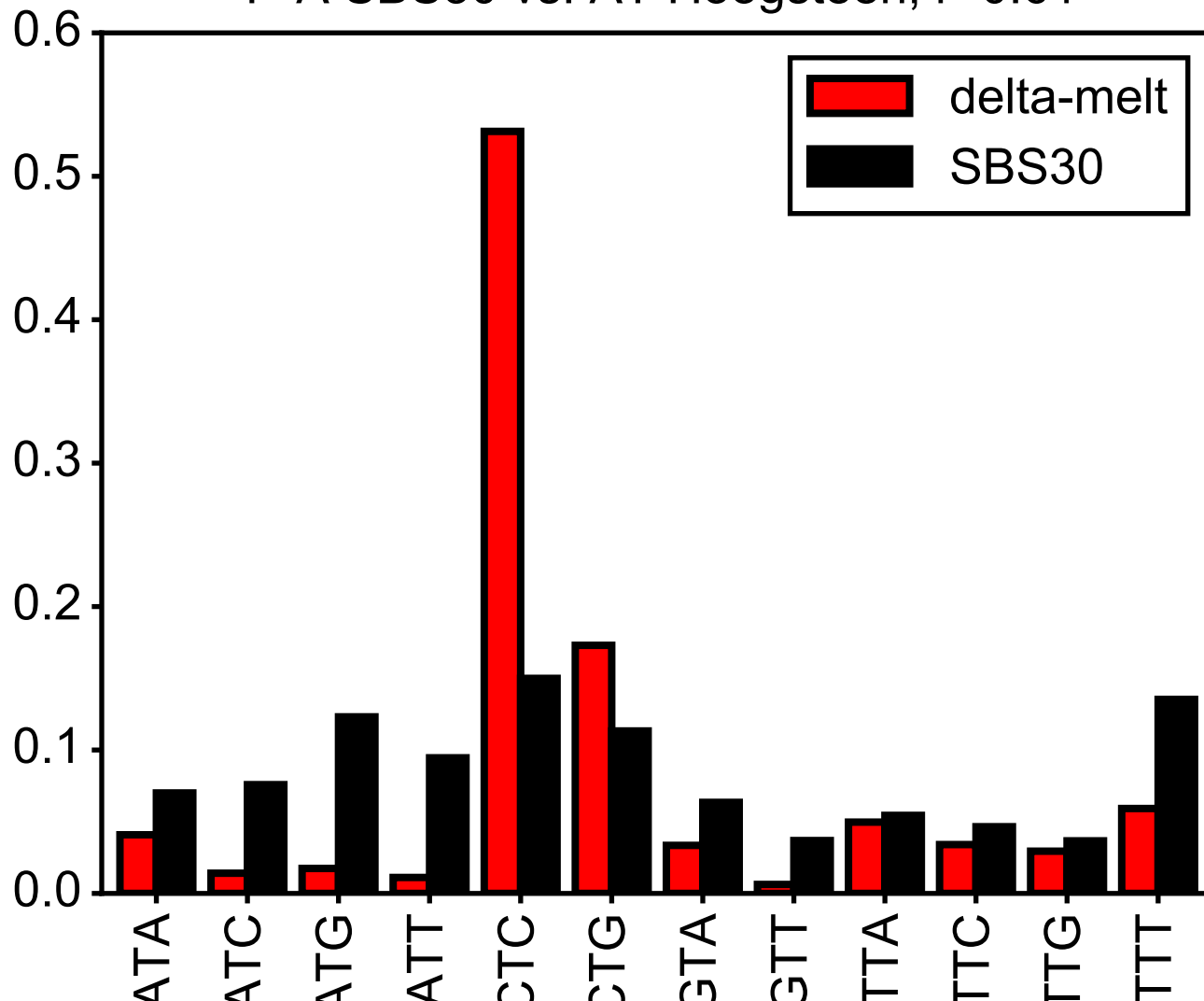
T>C SBS30 vs. AT Hoogsteen, $r=0.78$



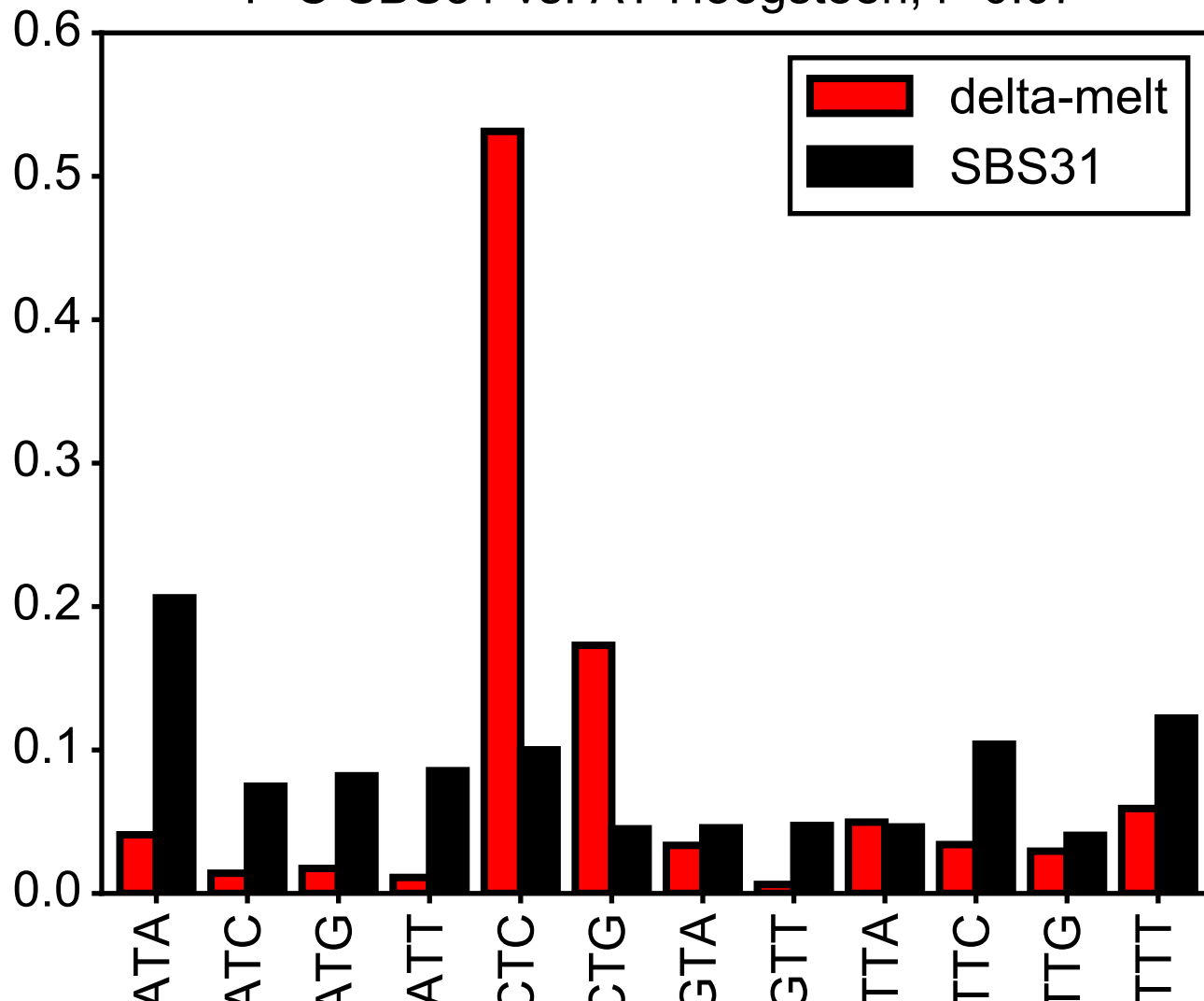
T>G SBS30 vs. AT Hoogsteen, $r=-0.07$



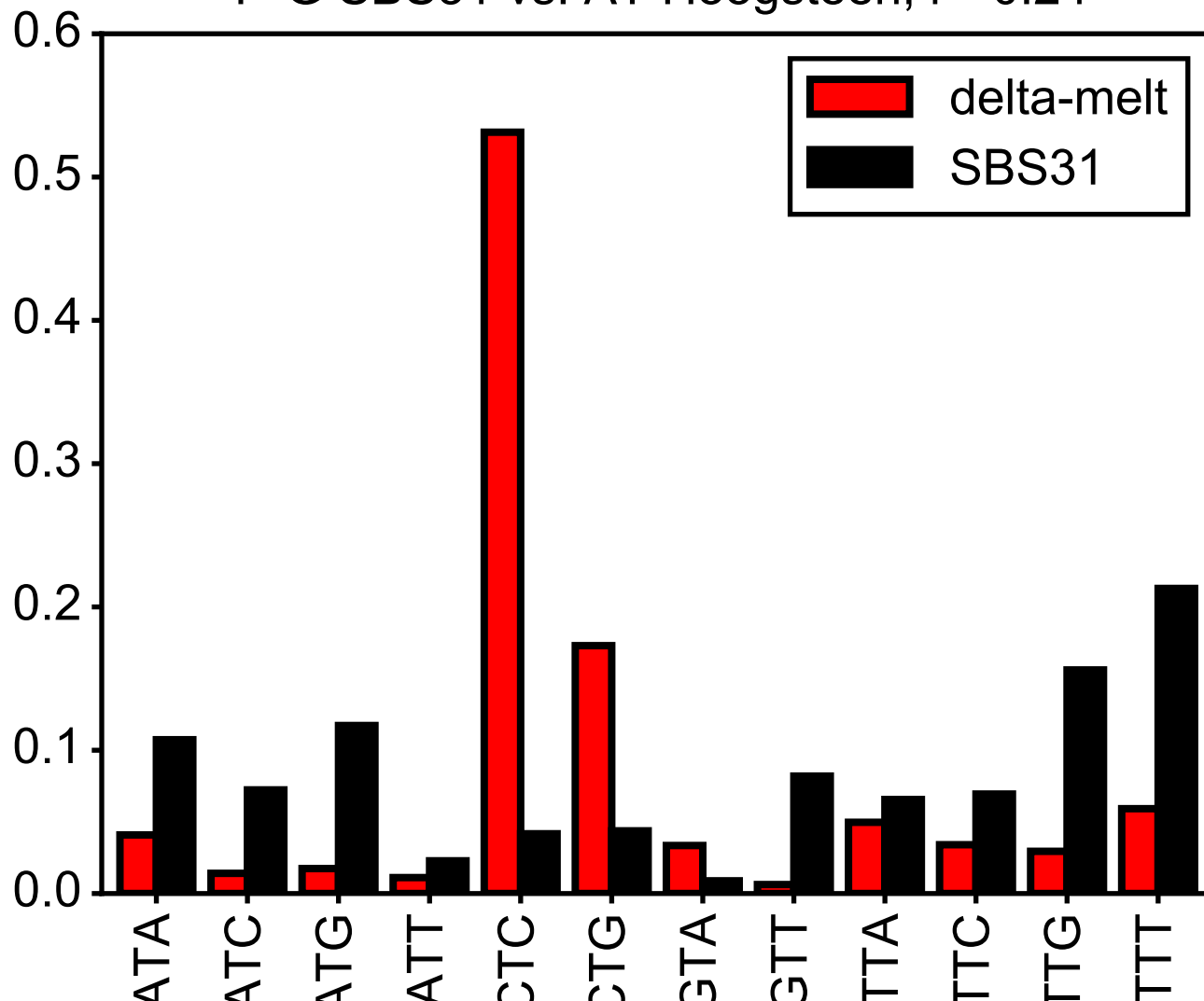
T>A SBS30 vs. AT Hoogsteen, $r=0.61$



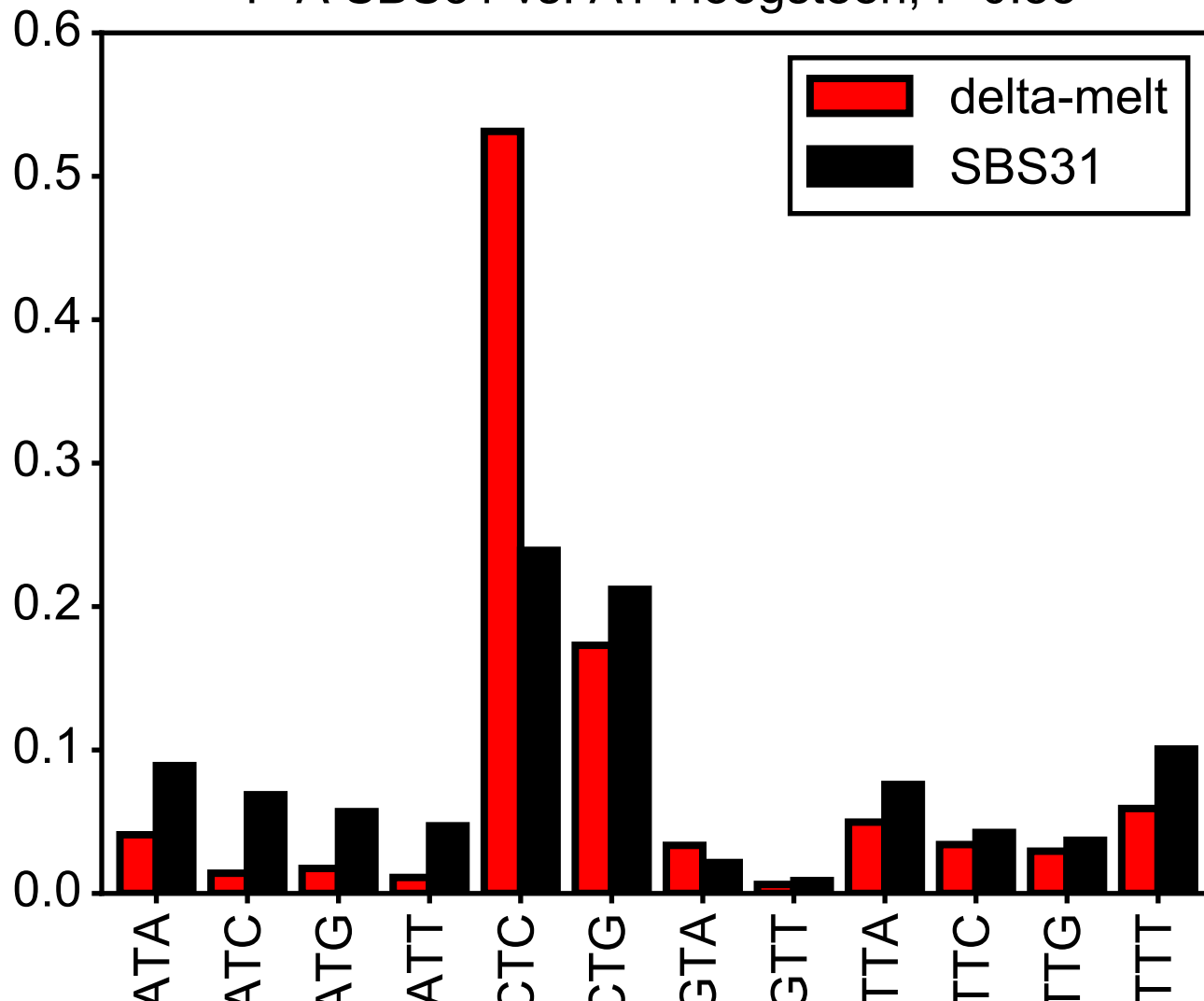
T>C SBS31 vs. AT Hoogsteen, $r=0.07$



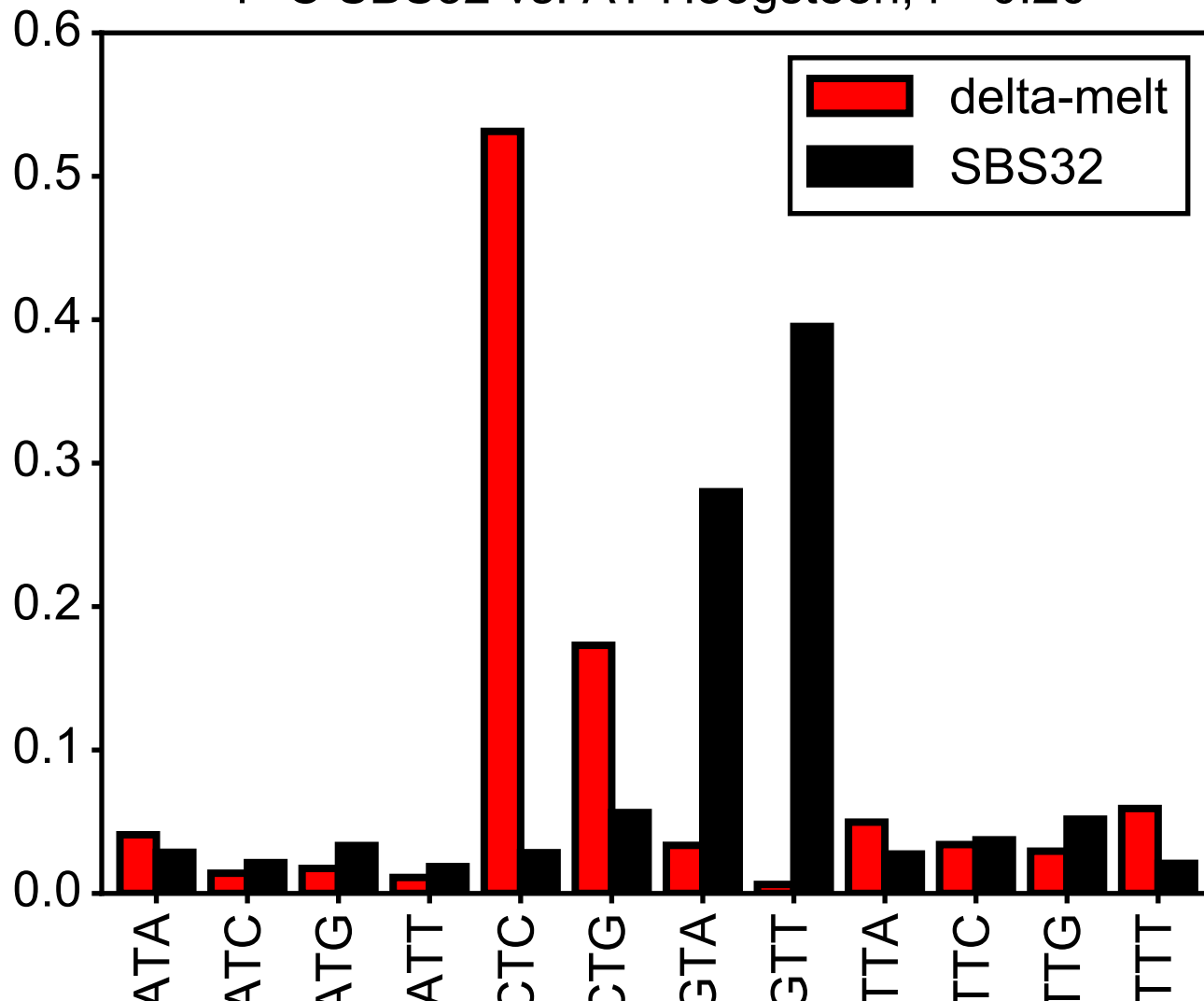
T>G SBS31 vs. AT Hoogsteen, $r=-0.24$



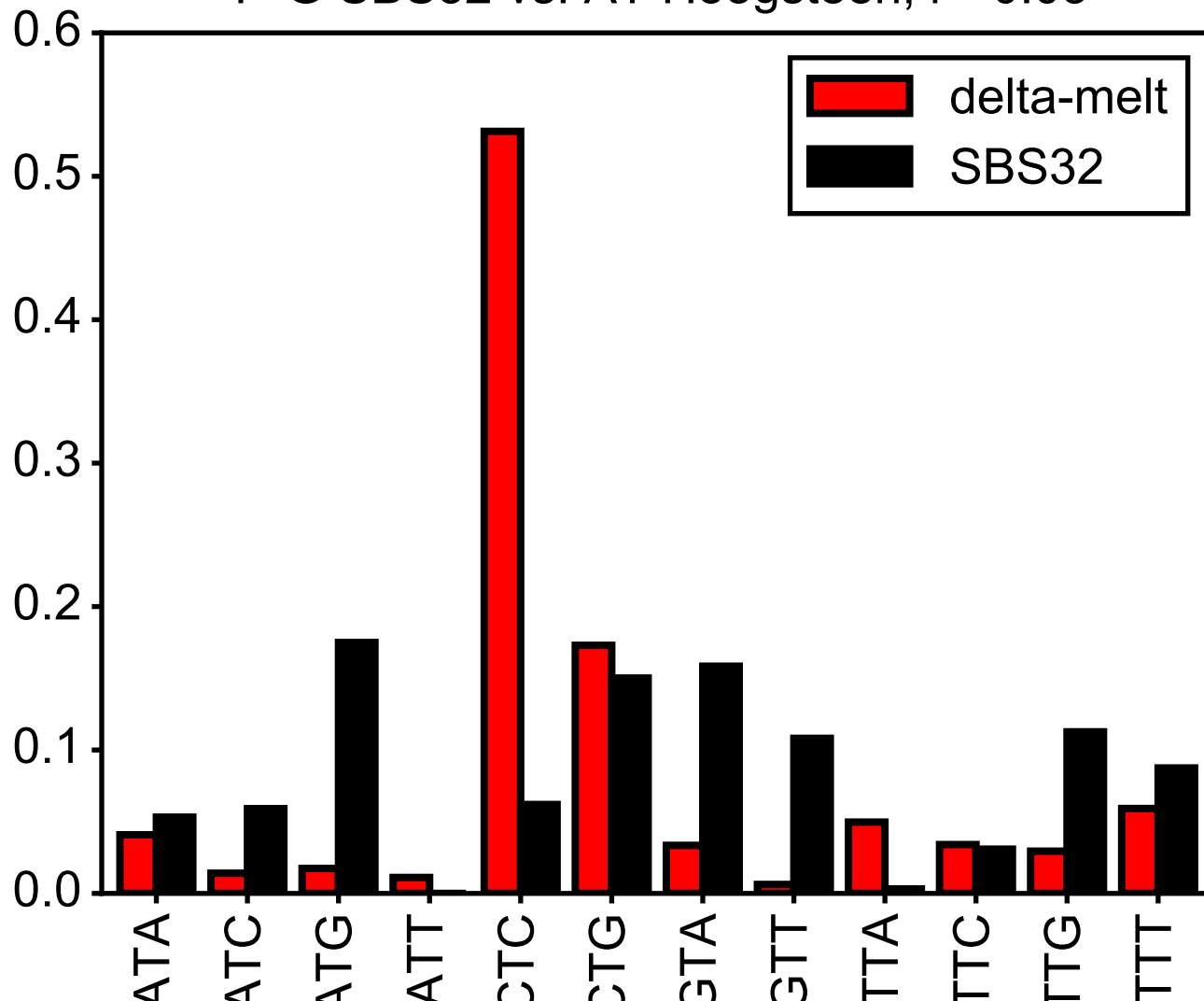
T>A SBS31 vs. AT Hoogsteen, $r=0.85$



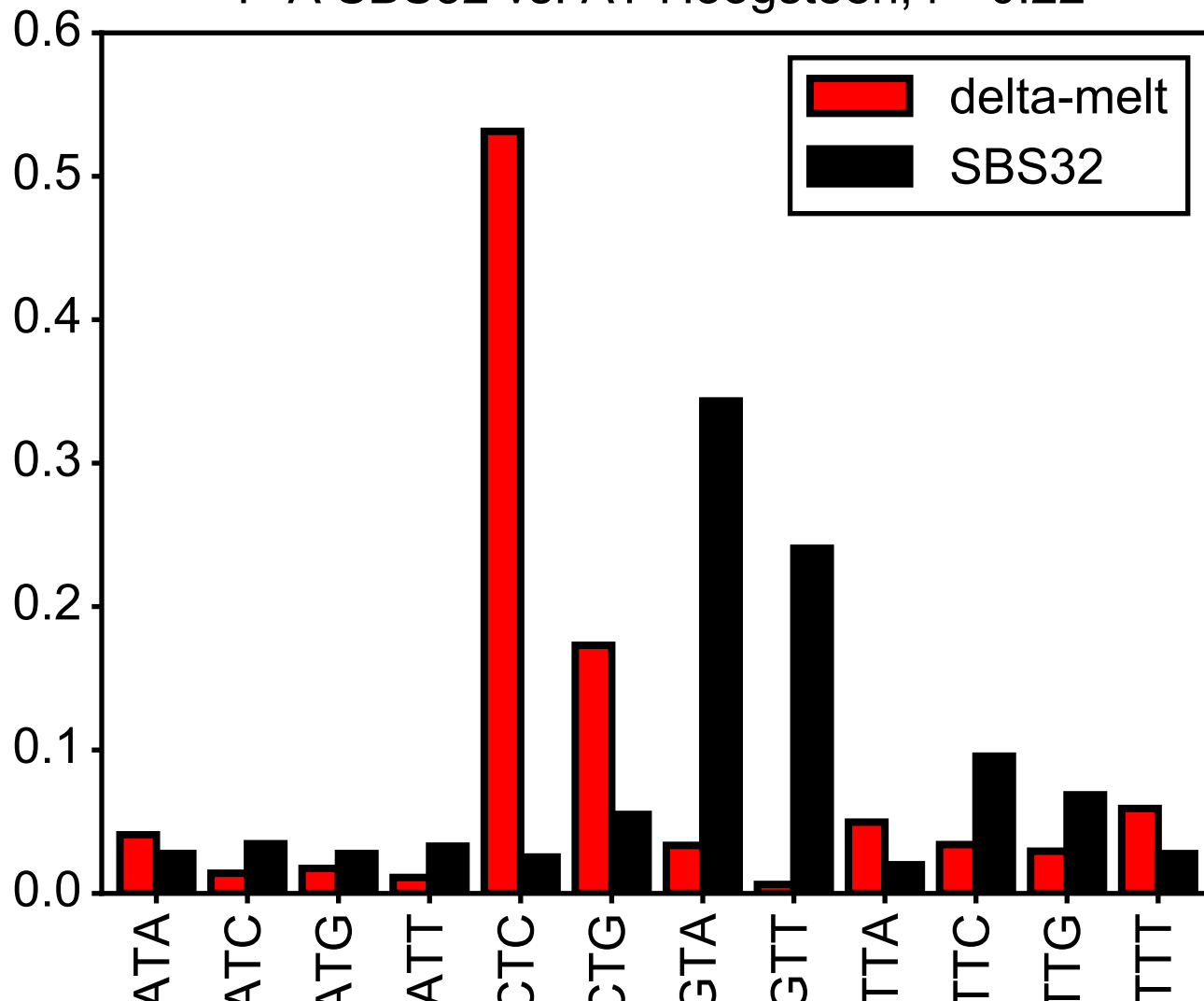
T>C SBS32 vs. AT Hoogsteen, $r=-0.20$



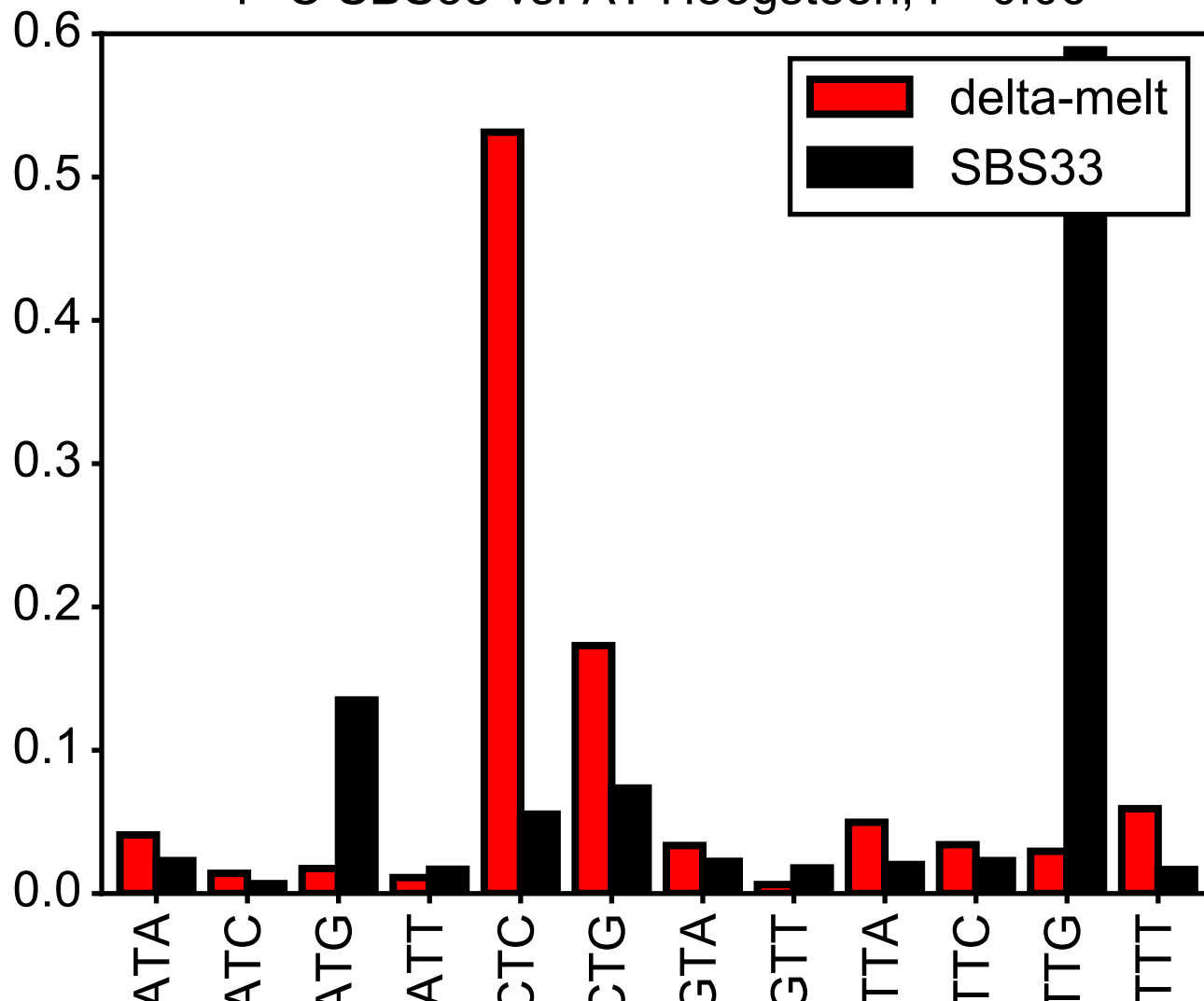
T>G SBS32 vs. AT Hoogsteen, $r=-0.03$



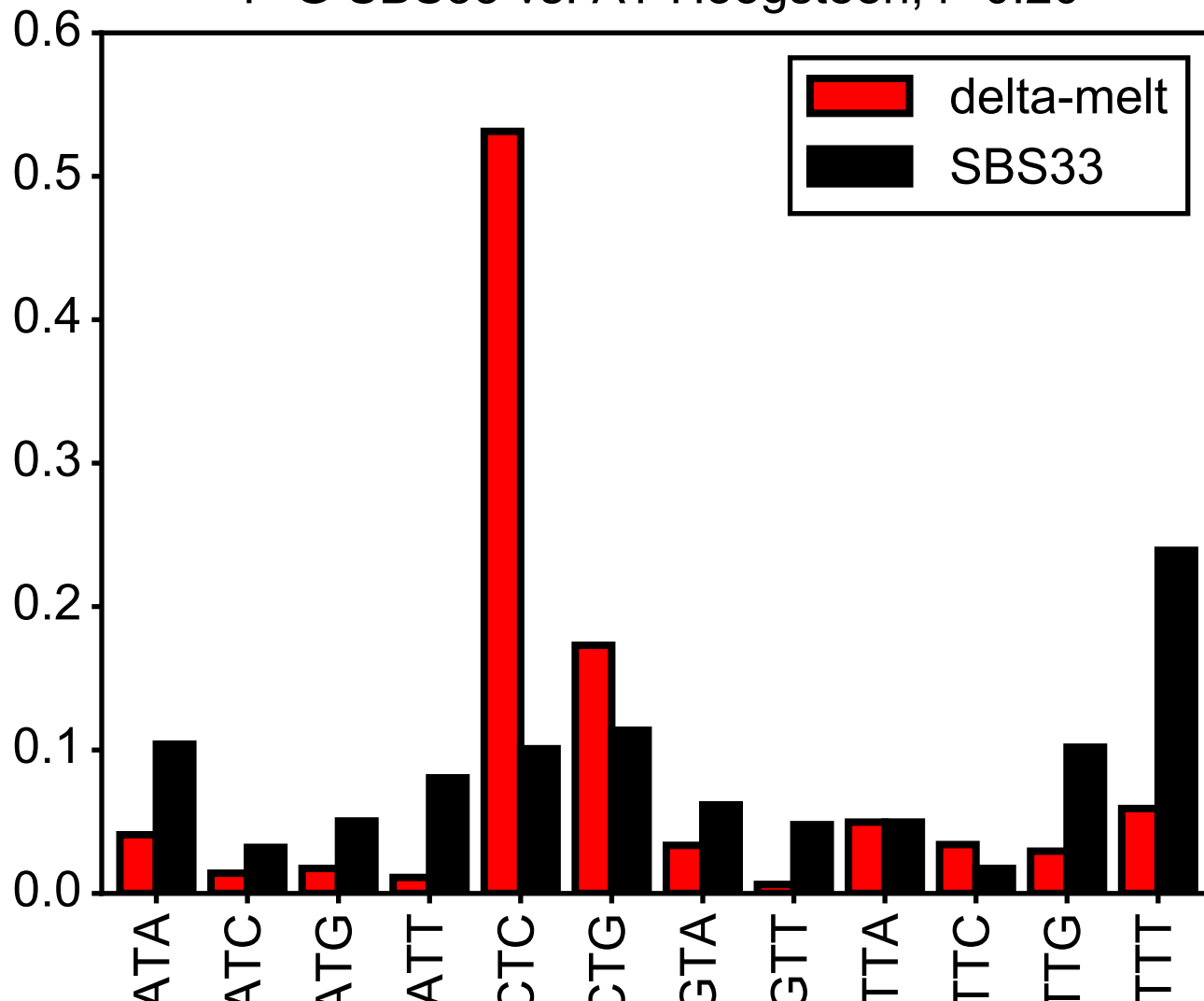
T>A SBS32 vs. AT Hoogsteen, $r=-0.22$



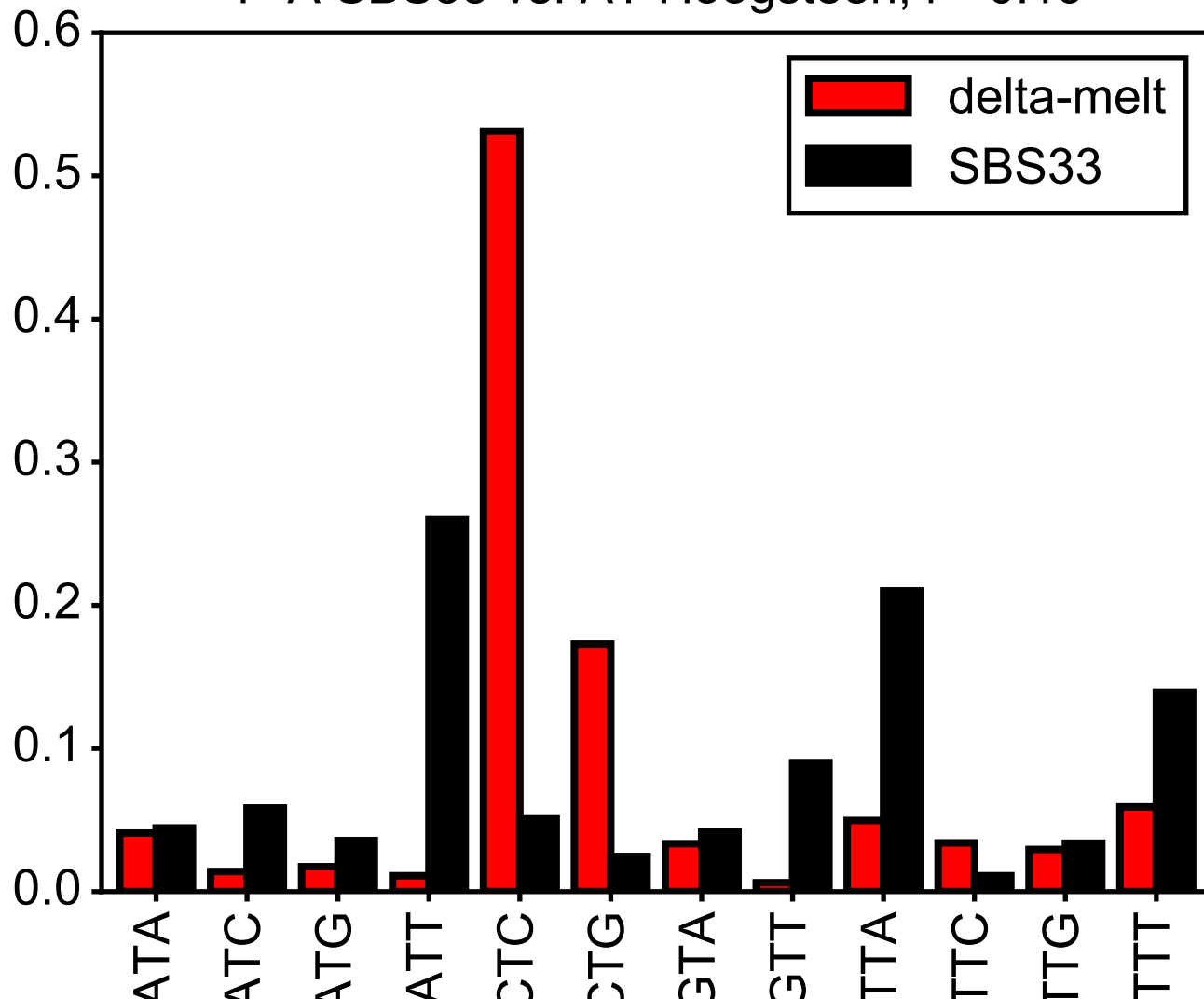
T>C SBS33 vs. AT Hoogsteen, $r=-0.06$



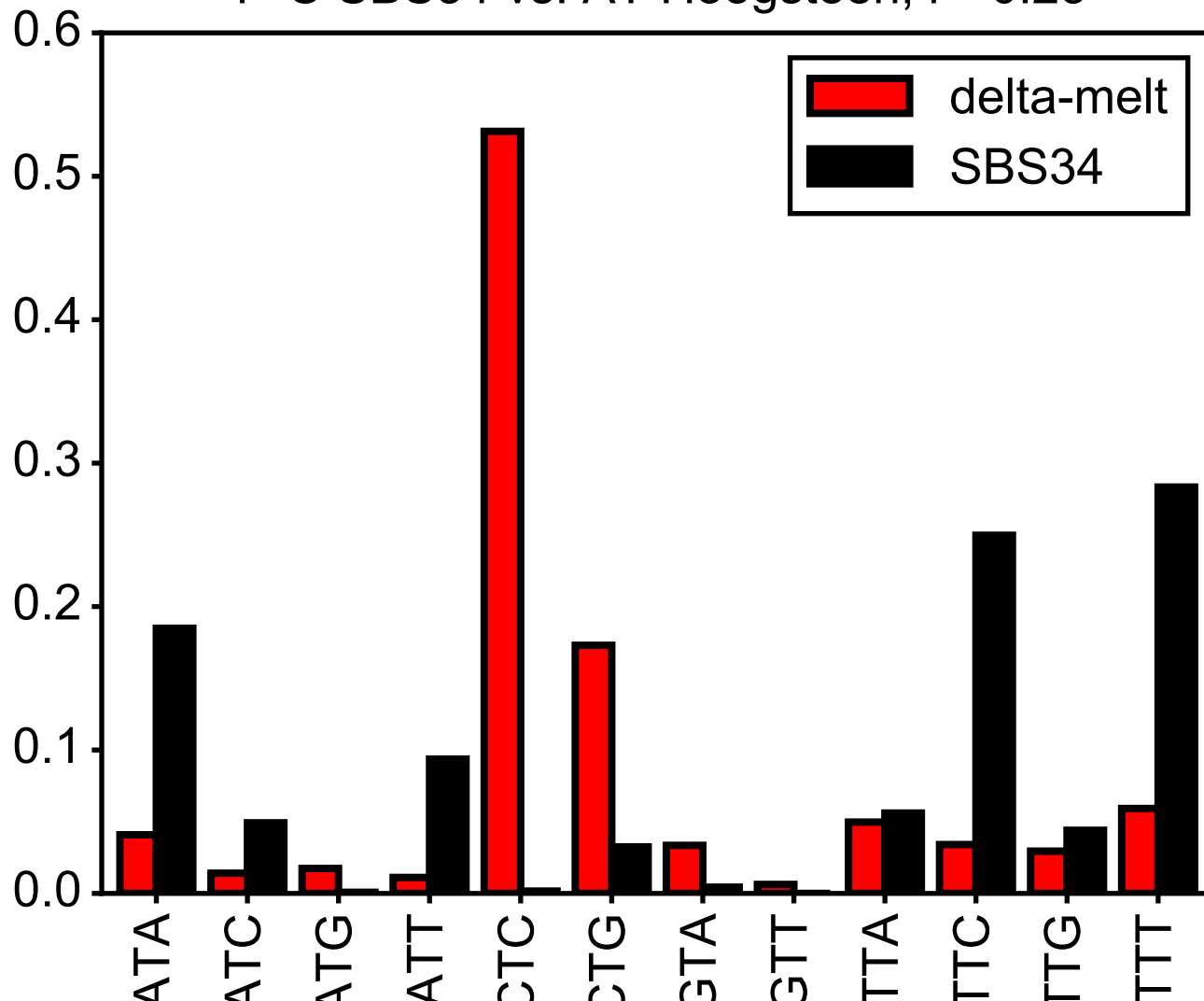
T>G SBS33 vs. AT Hoogsteen, $r=0.20$



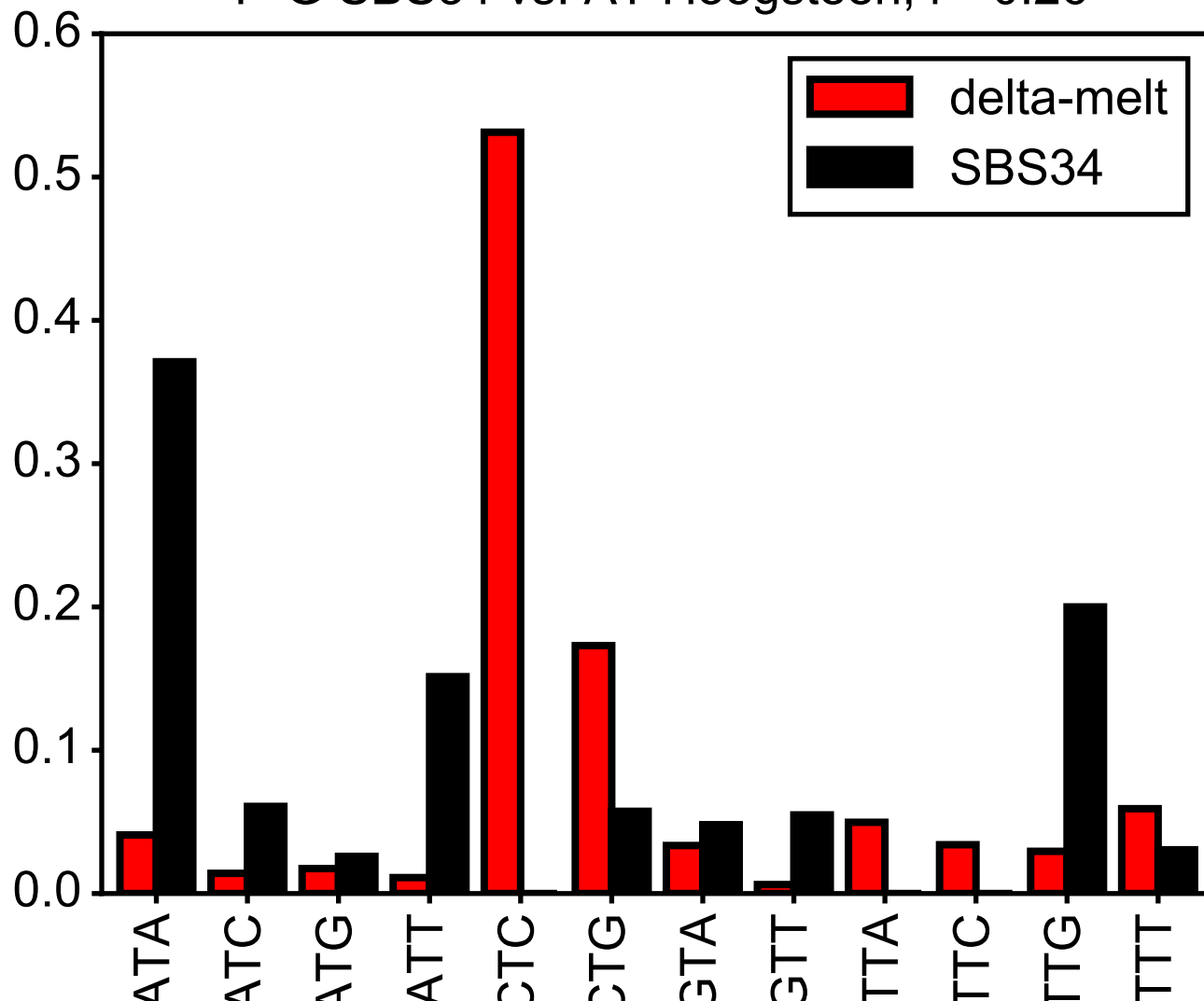
T>A SBS33 vs. AT Hoogsteen, $r=-0.19$



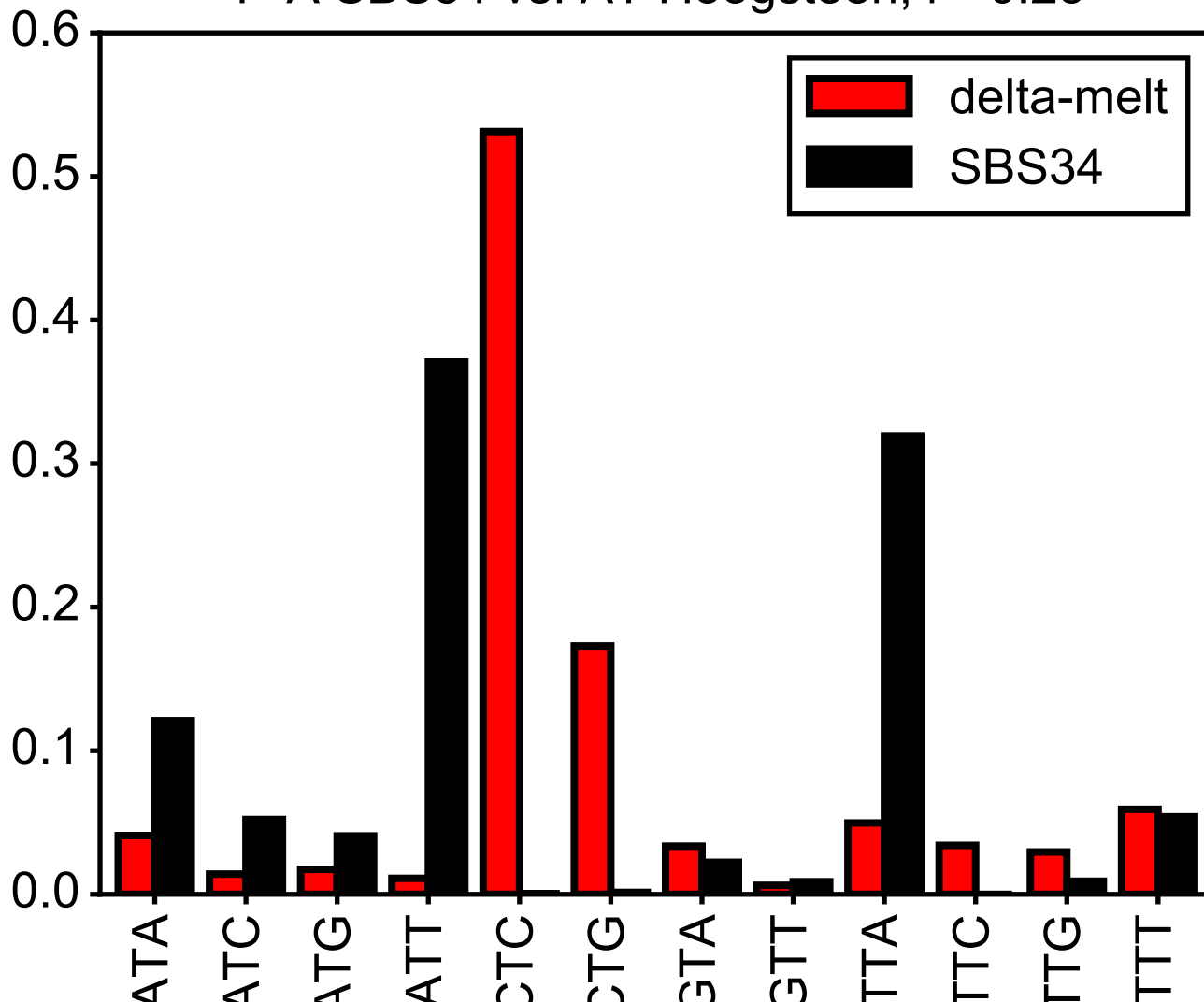
T>C SBS34 vs. AT Hoogsteen, $r=-0.23$



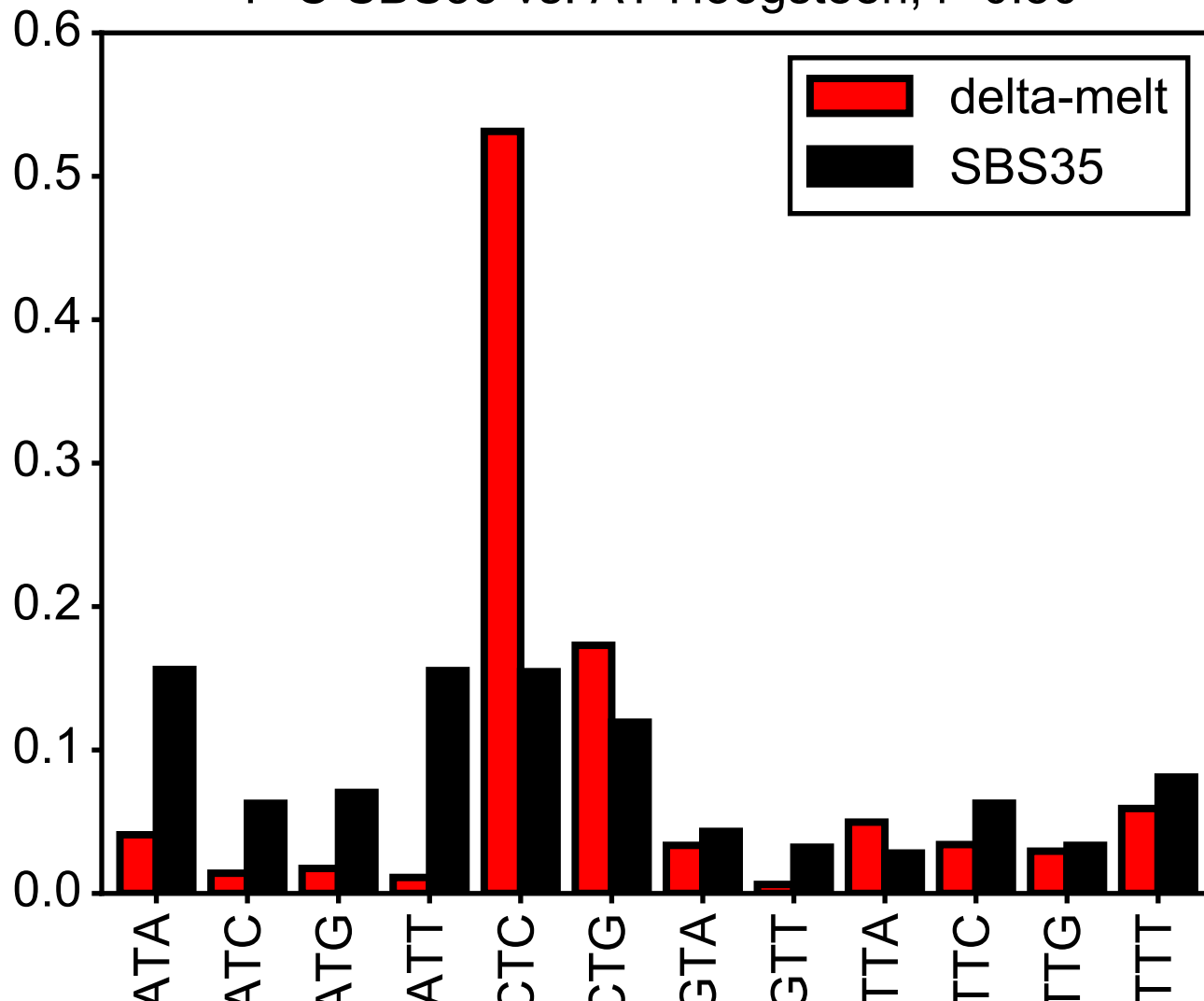
T>G SBS34 vs. AT Hoogsteen, $r=-0.26$



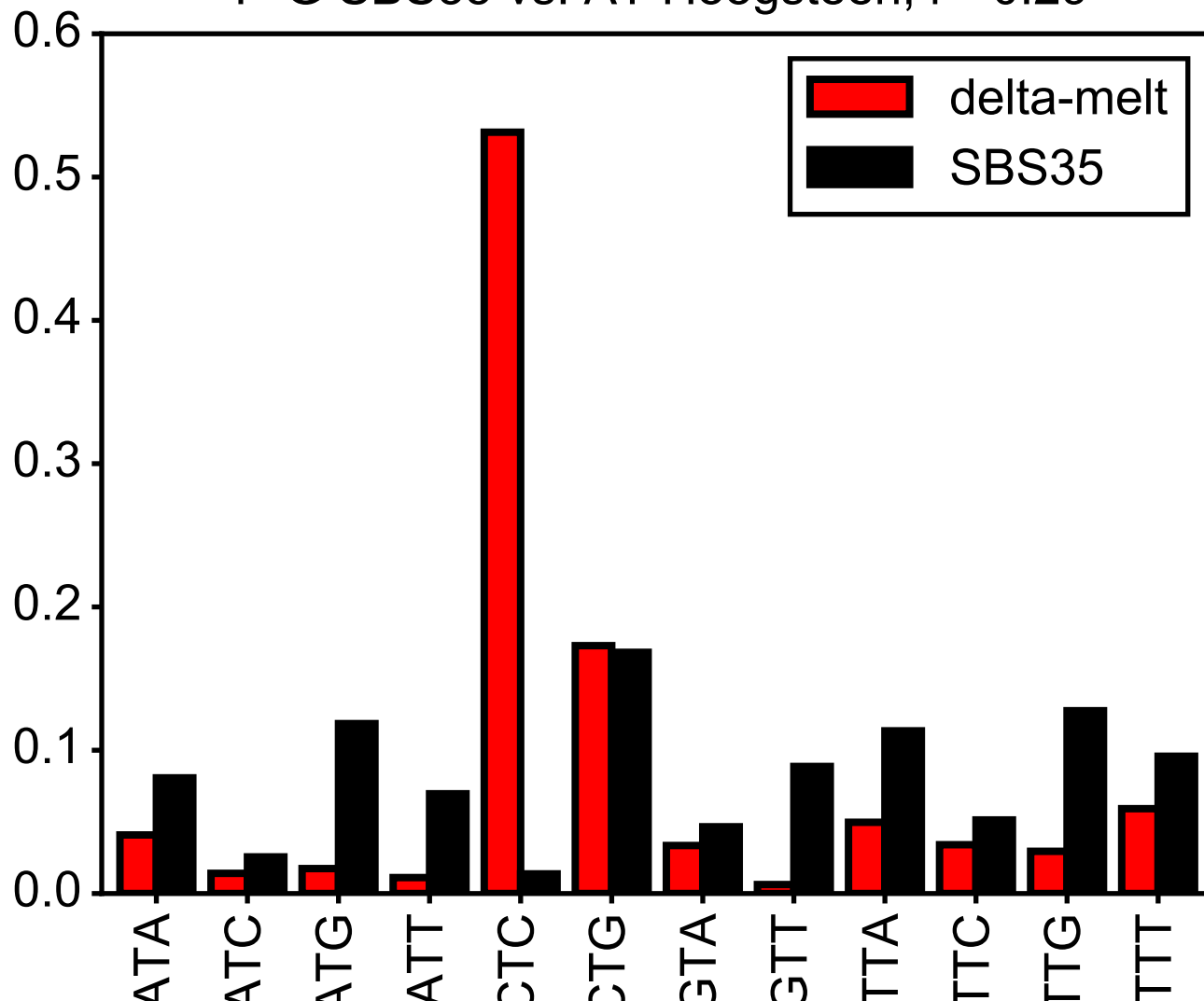
T>A SBS34 vs. AT Hoogsteen, $r=-0.25$



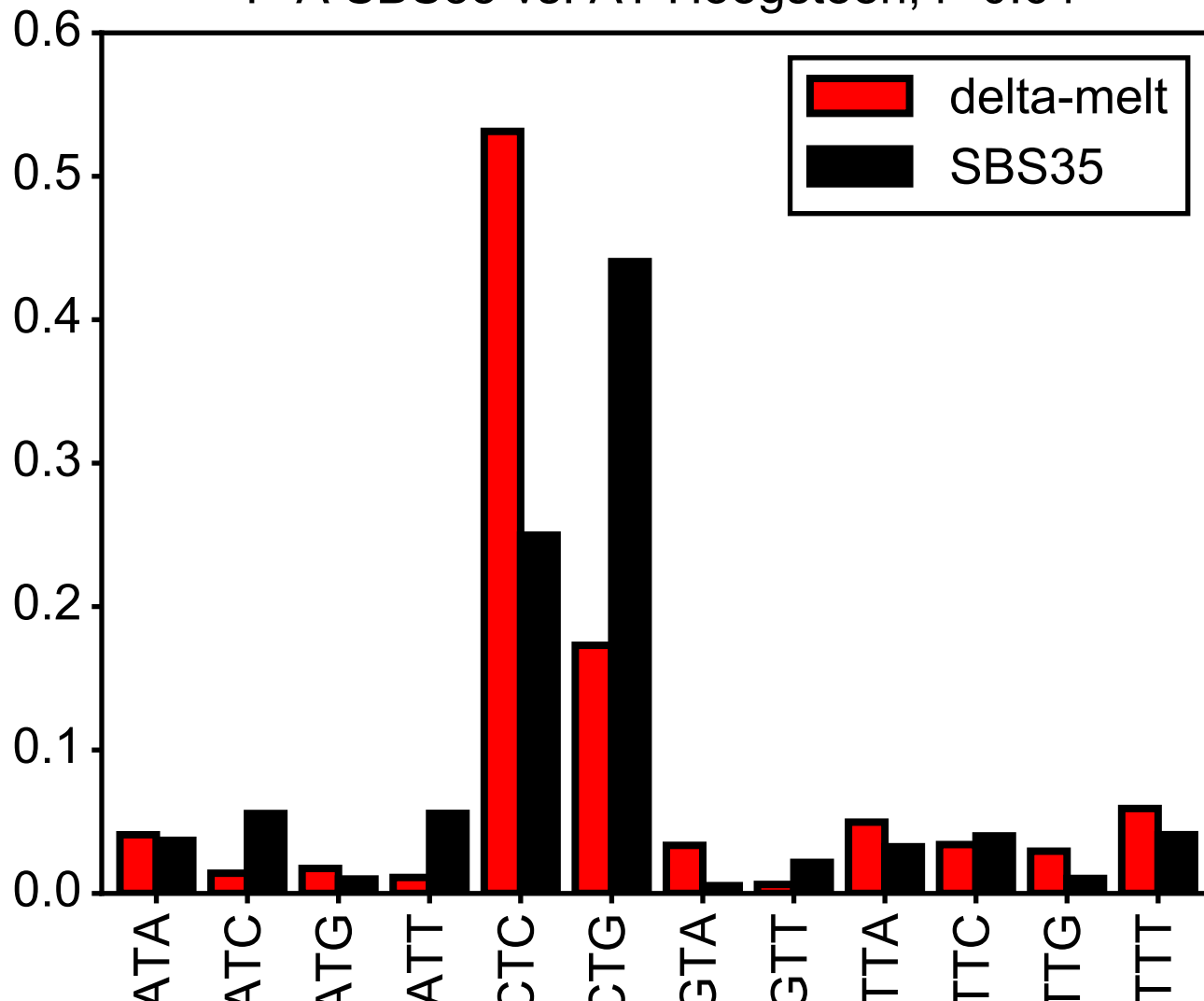
T>C SBS35 vs. AT Hoogsteen, $r=0.50$



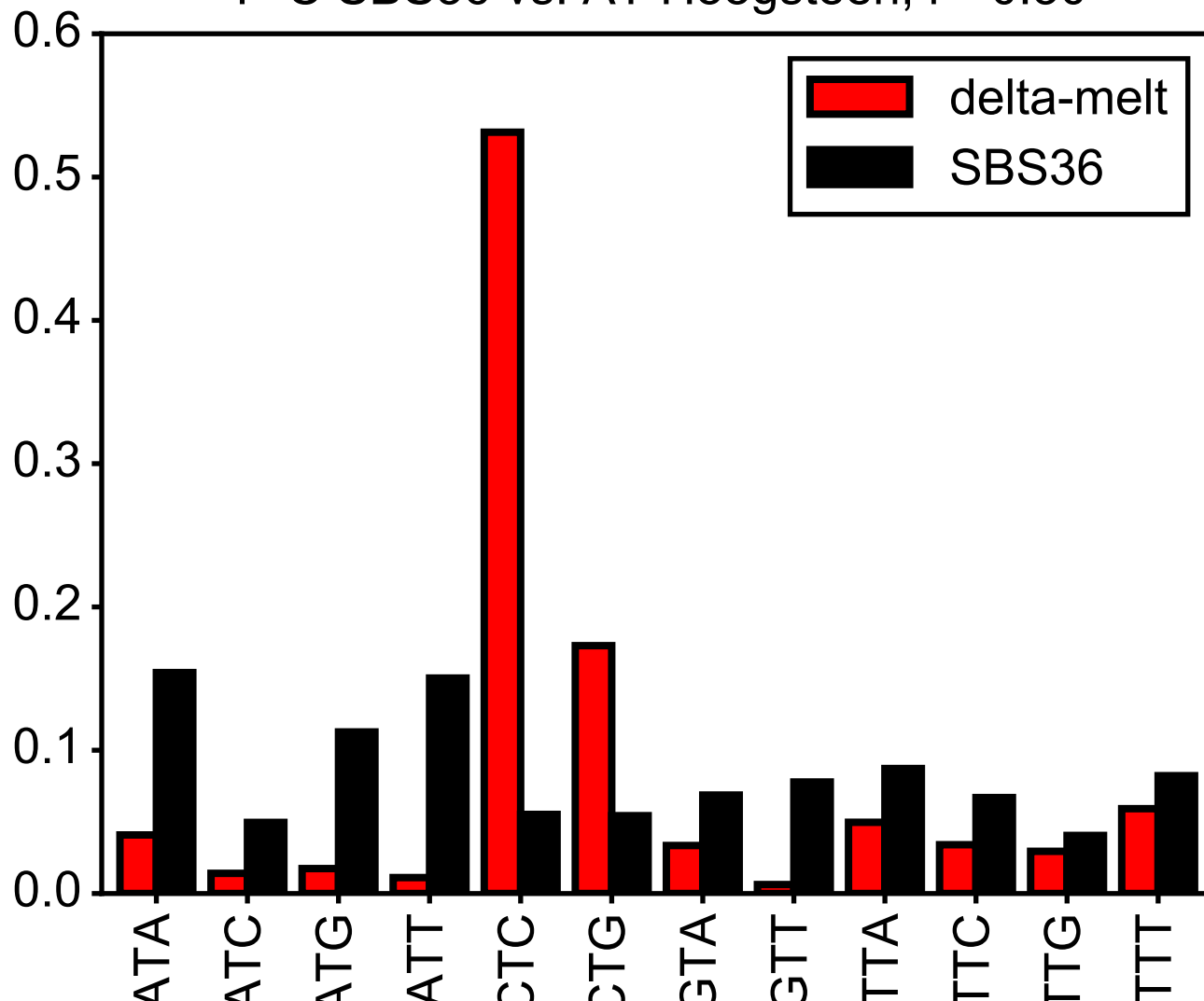
T>G SBS35 vs. AT Hoogsteen, $r=-0.29$



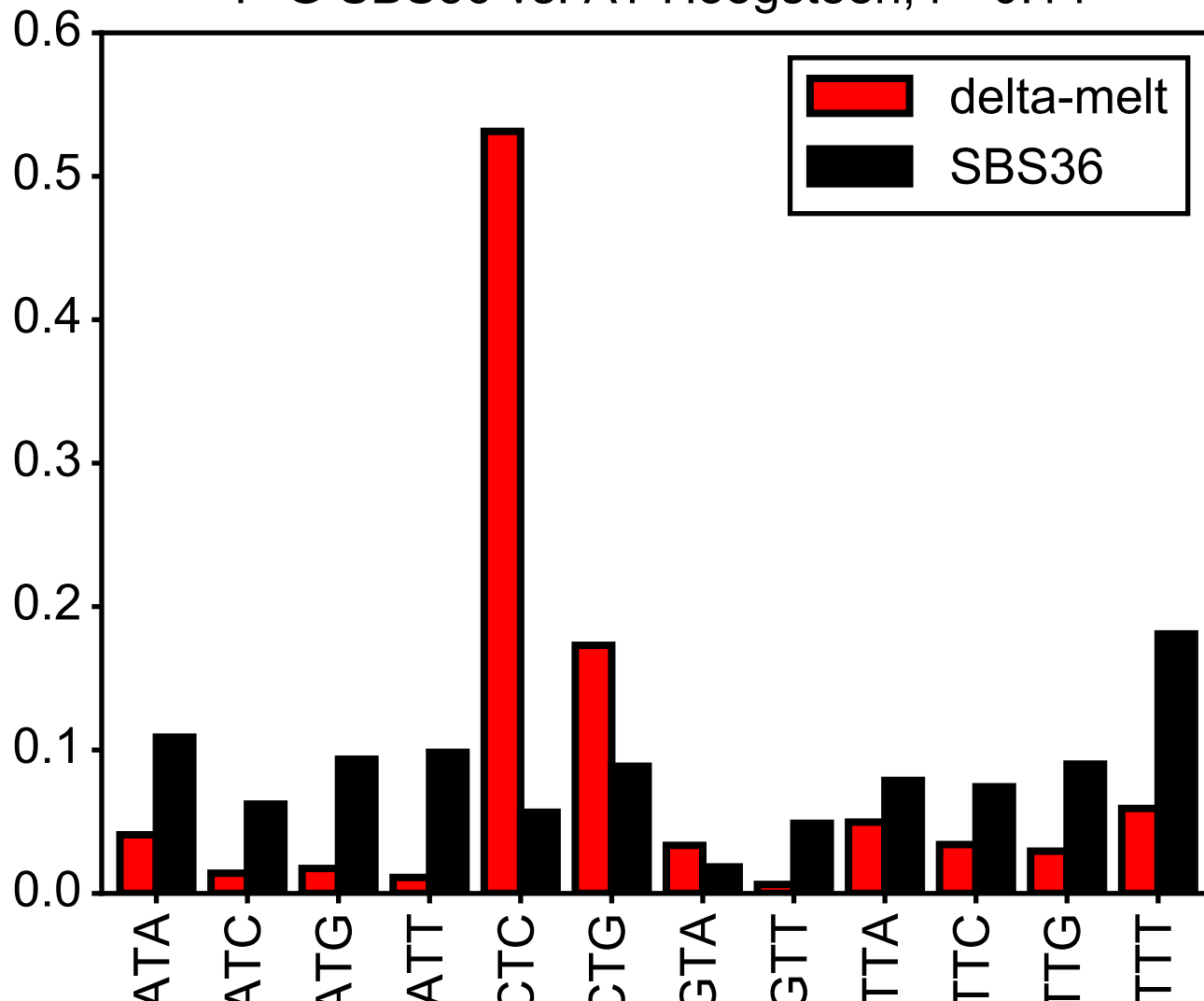
T>A SBS35 vs. AT Hoogsteen, $r=0.64$



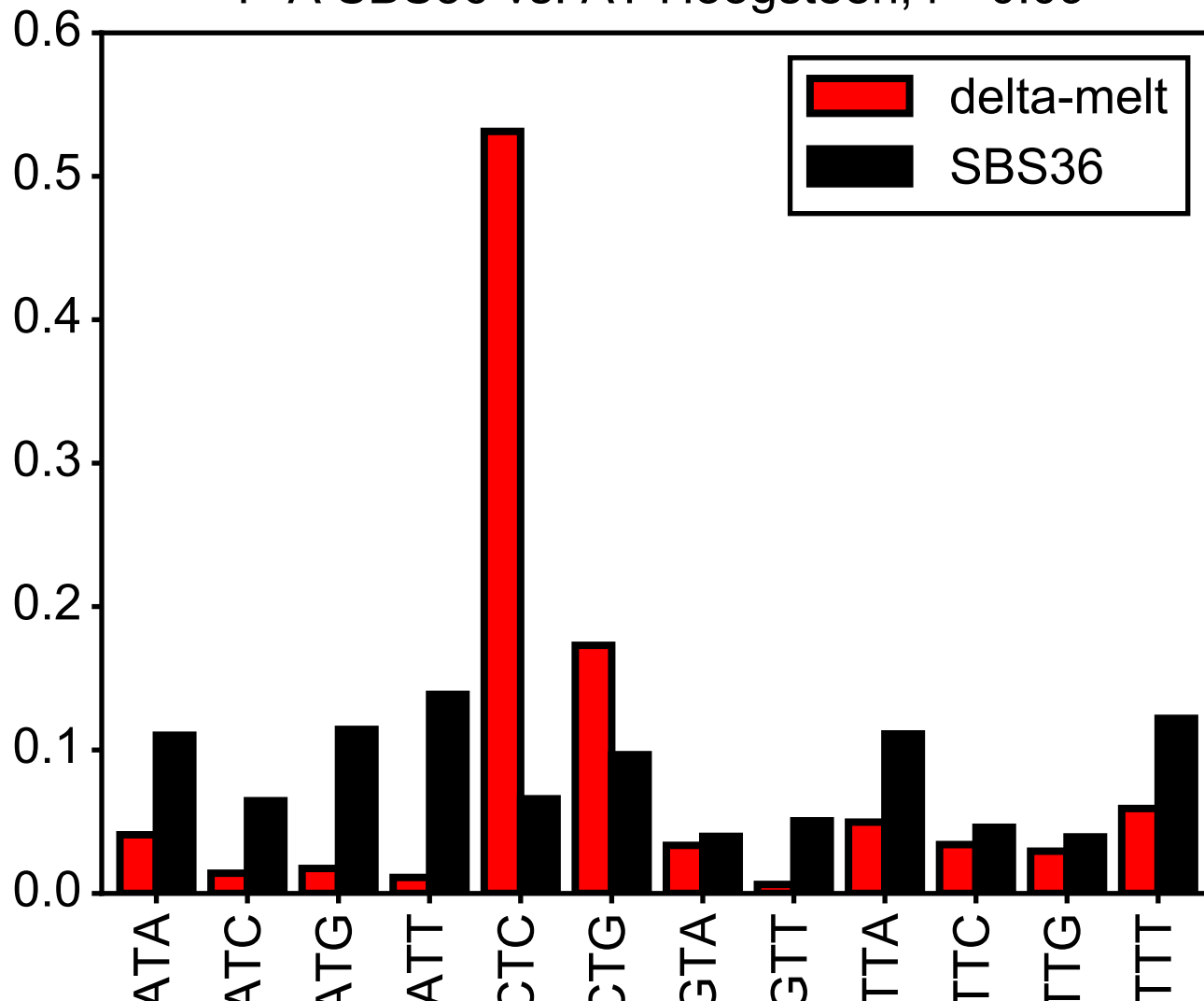
T>C SBS36 vs. AT Hoogsteen, $r=-0.30$



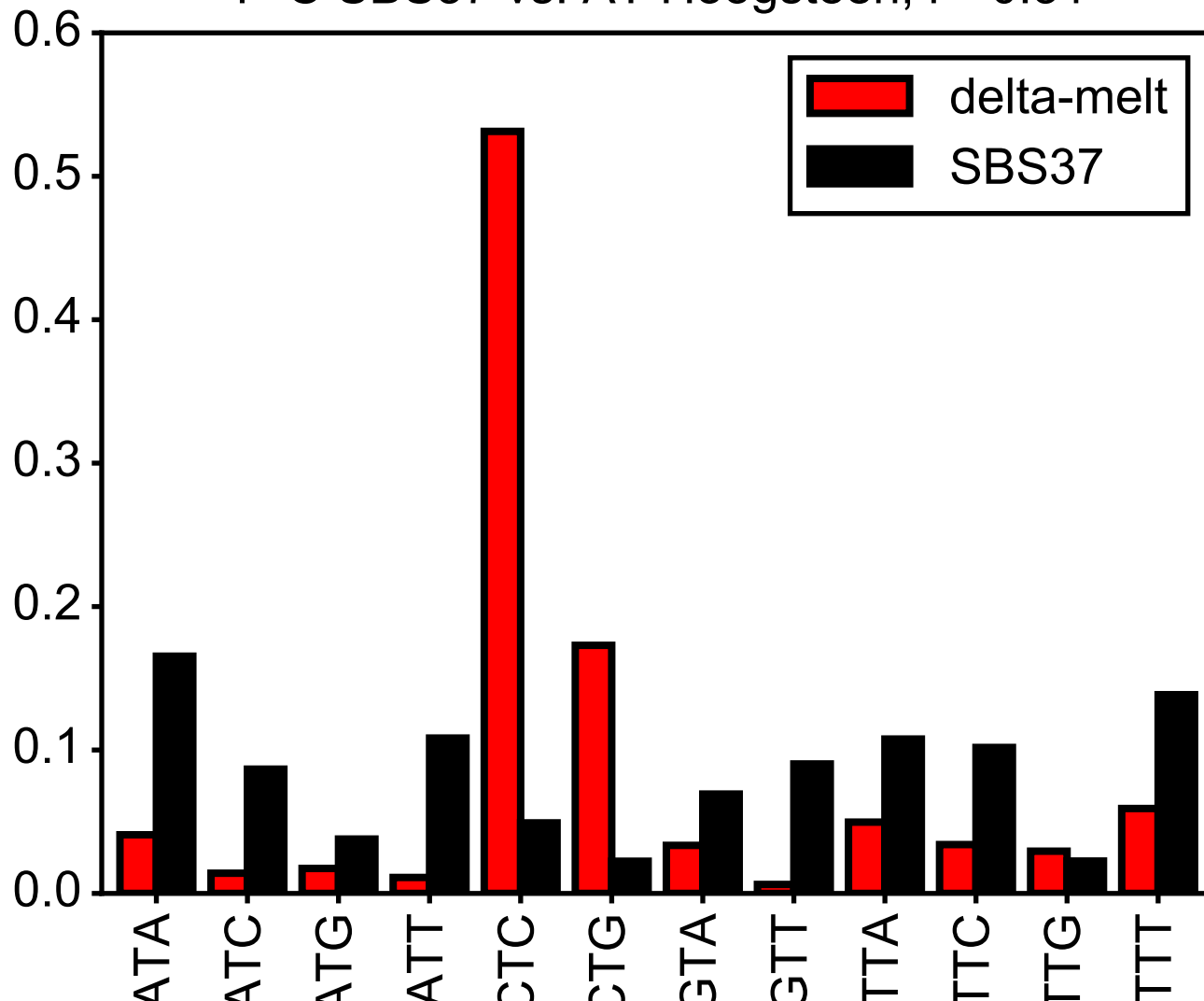
T>G SBS36 vs. AT Hoogsteen, $r=-0.14$



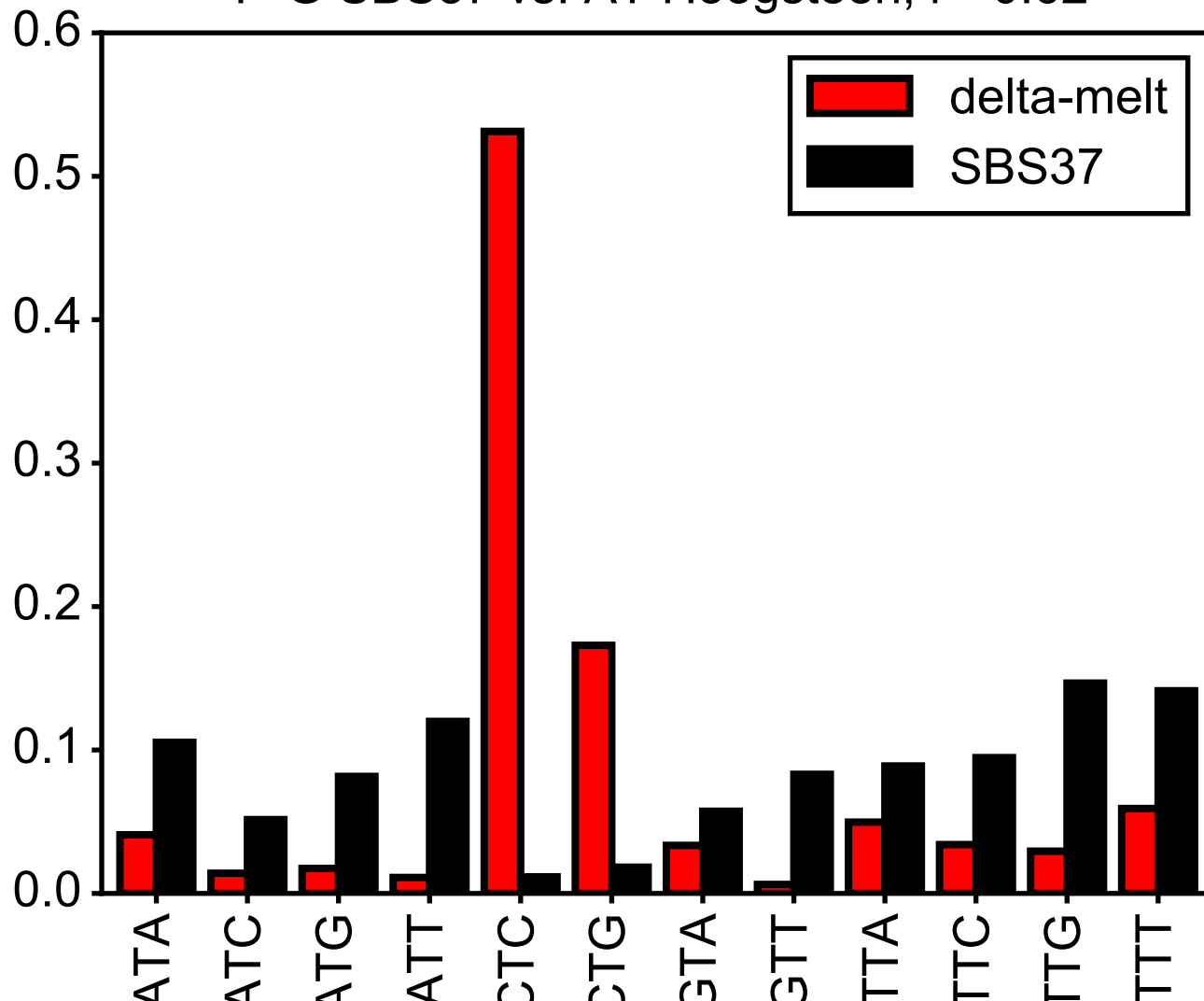
T>A SBS36 vs. AT Hoogsteen, $r=-0.09$



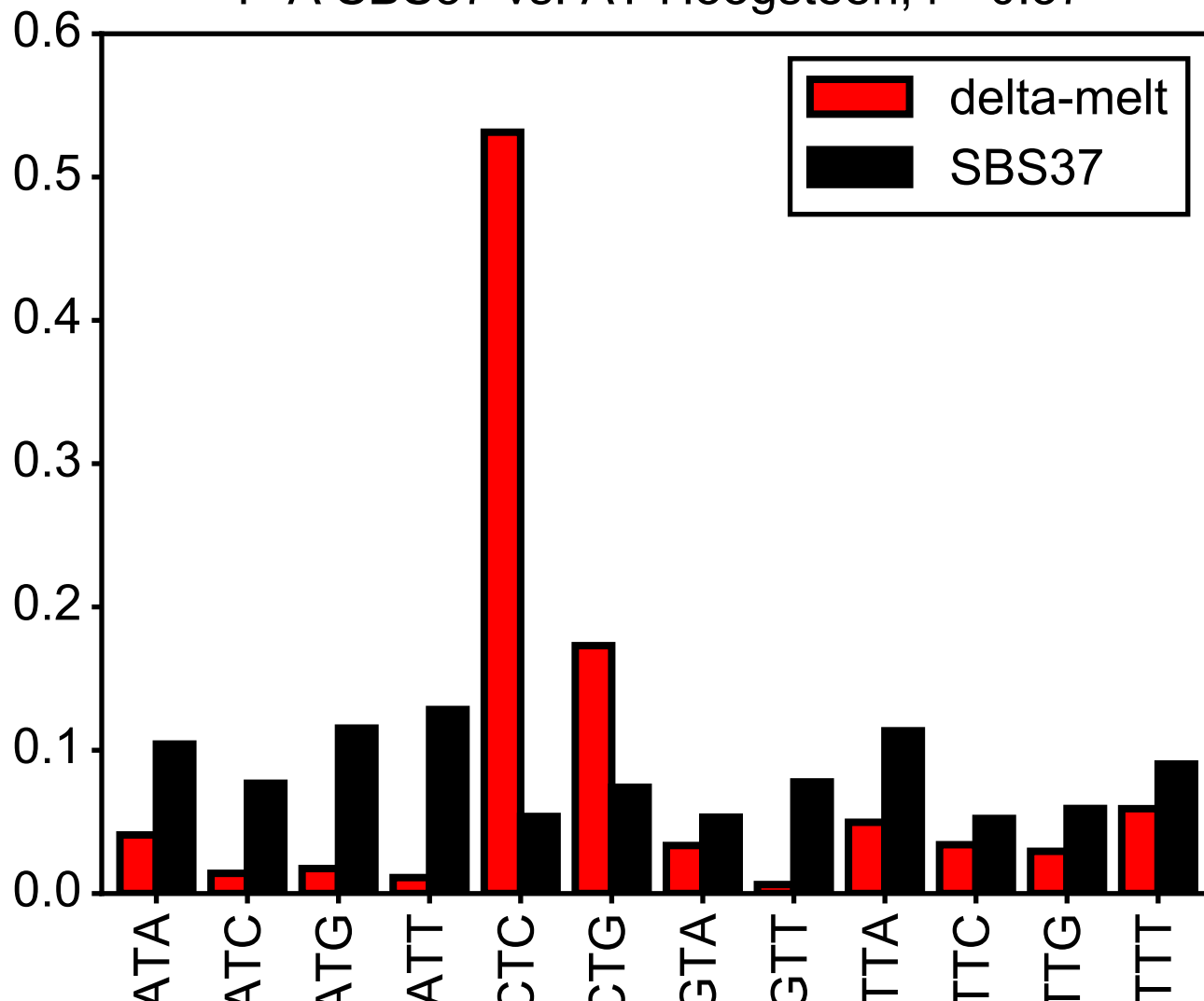
T>C SBS37 vs. AT Hoogsteen, $r=-0.31$



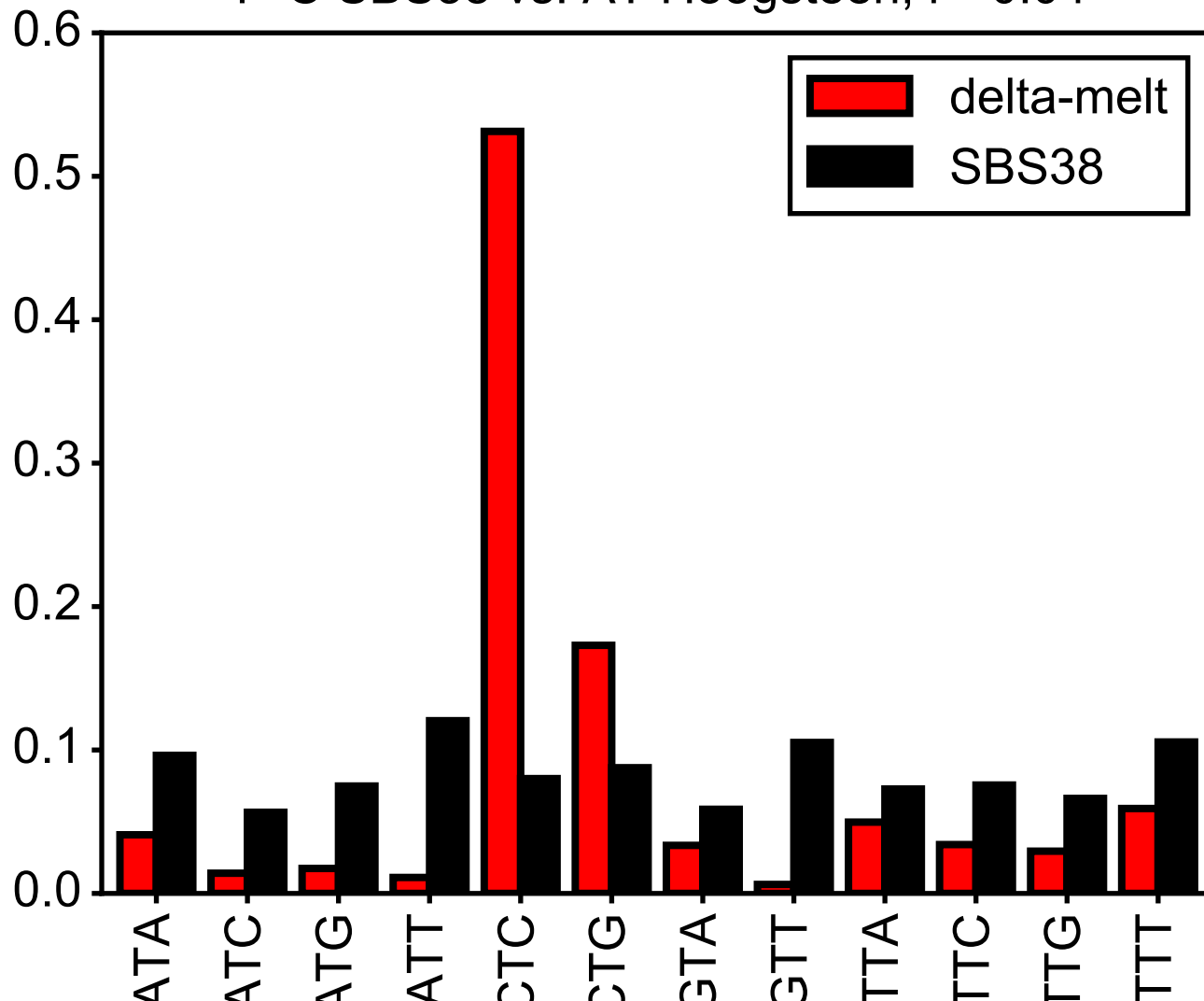
T>G SBS37 vs. AT Hoogsteen, $r=-0.62$



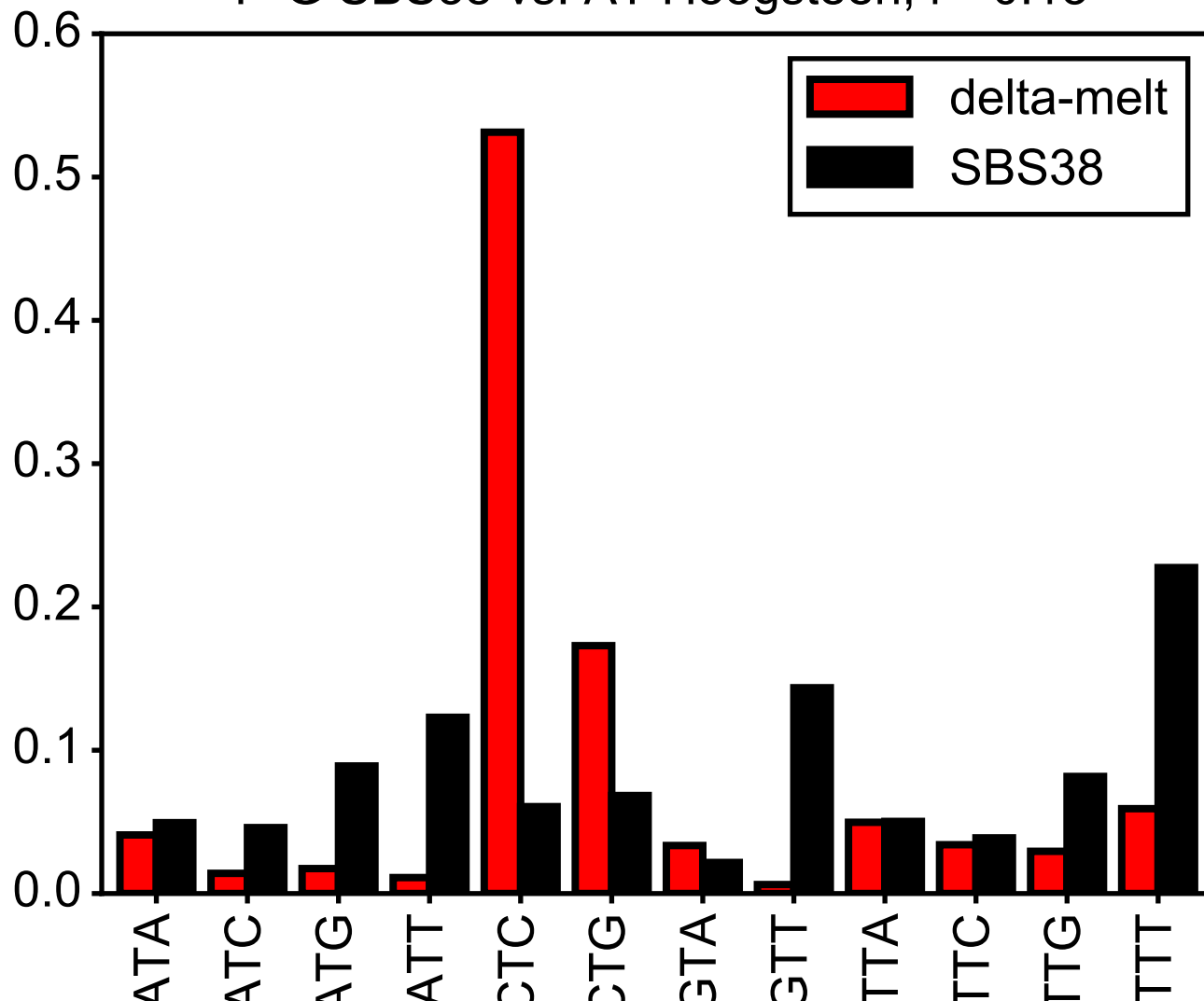
T>A SBS37 vs. AT Hoogsteen, $r=-0.37$



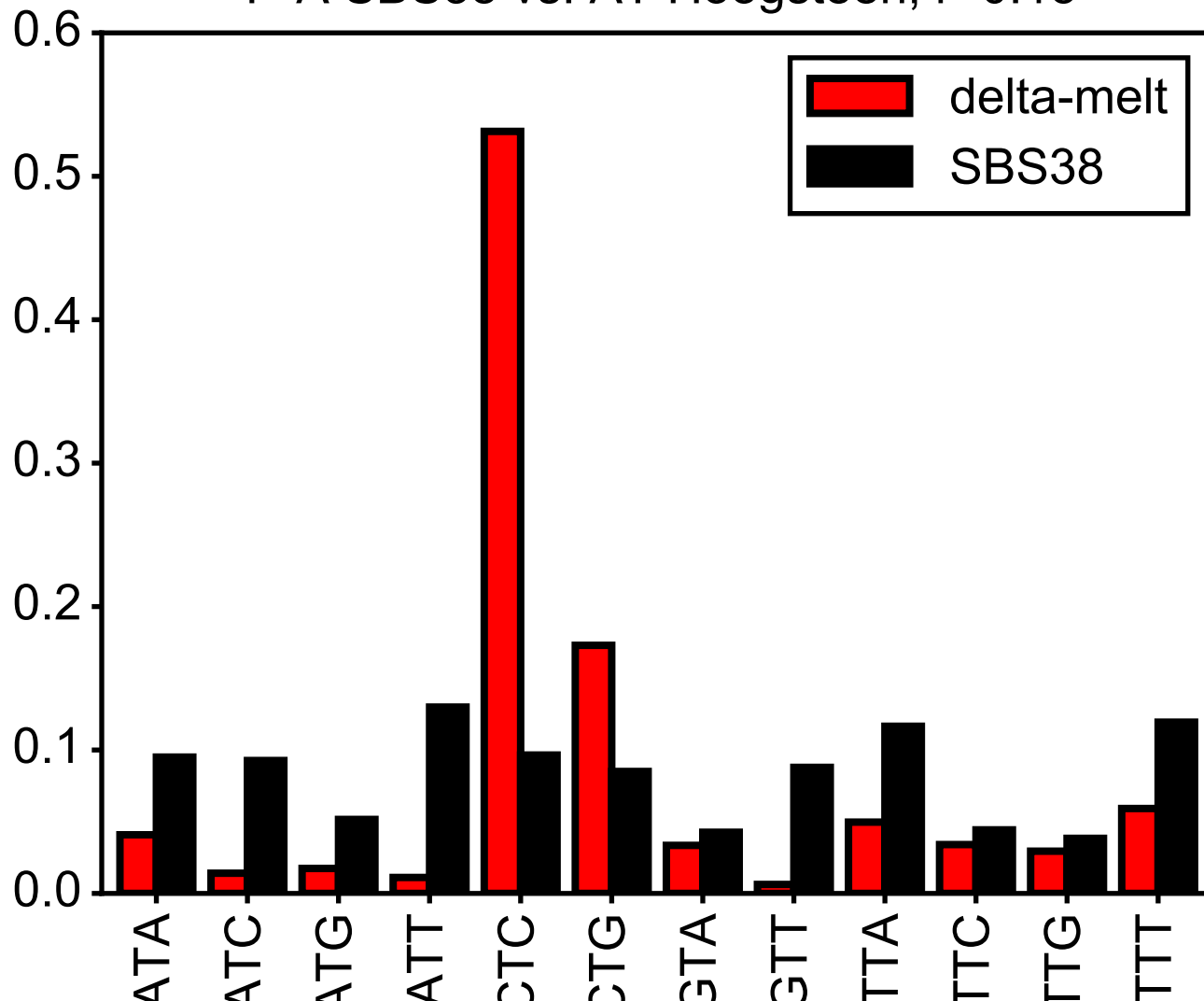
T>C SBS38 vs. AT Hoogsteen, $r=-0.04$



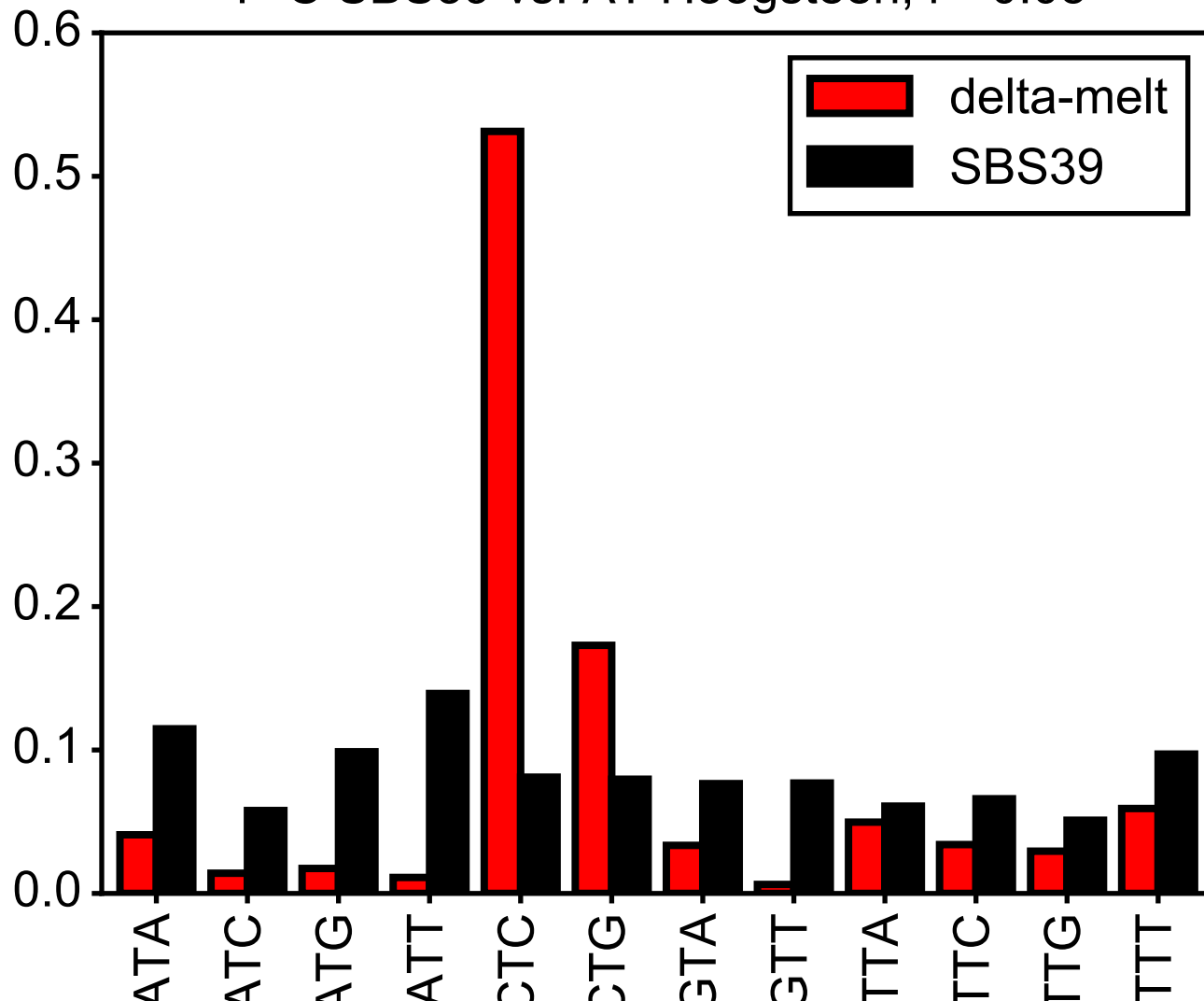
T>G SBS38 vs. AT Hoogsteen, $r=-0.13$



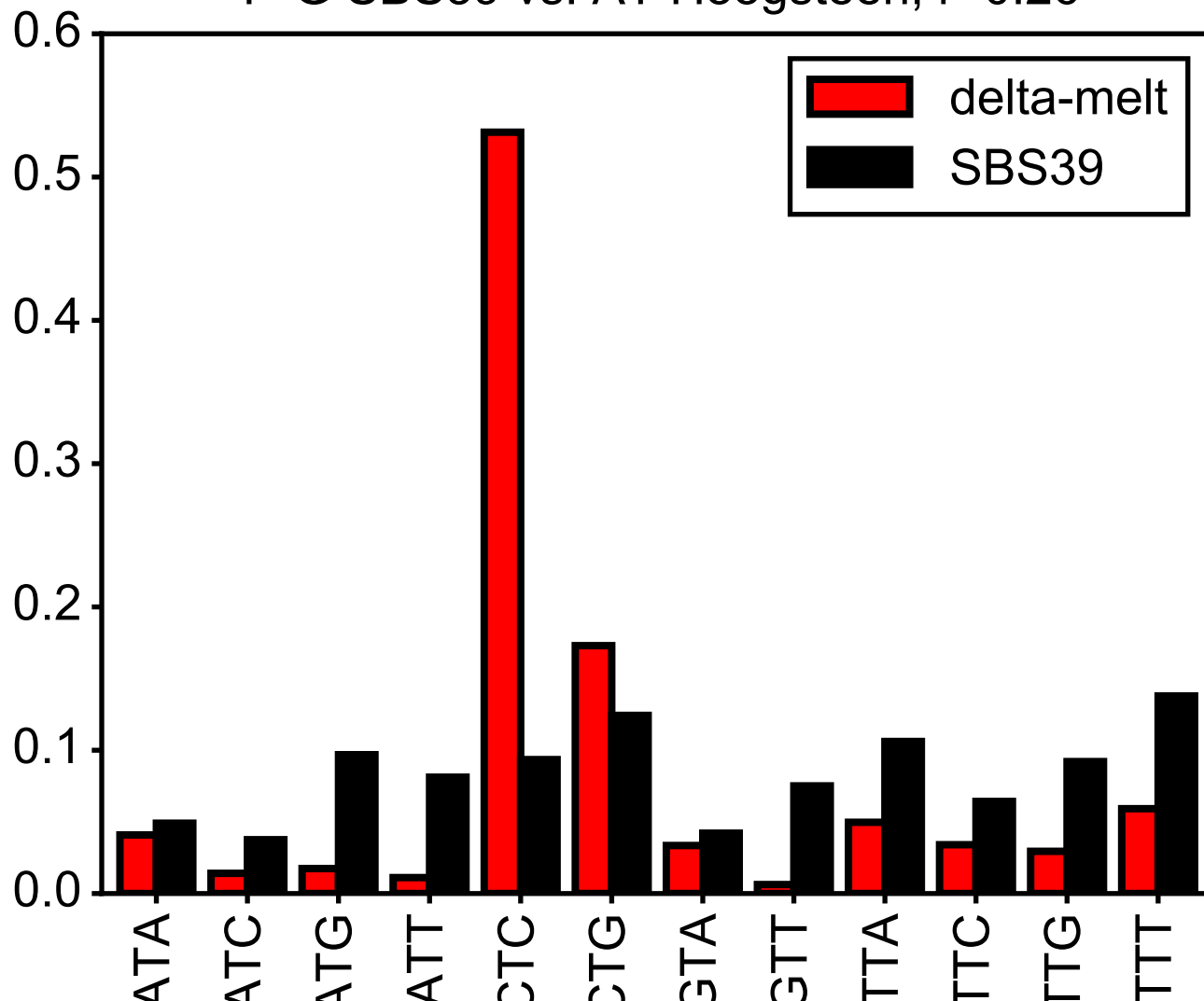
T>A SBS38 vs. AT Hoogsteen, $r=0.15$



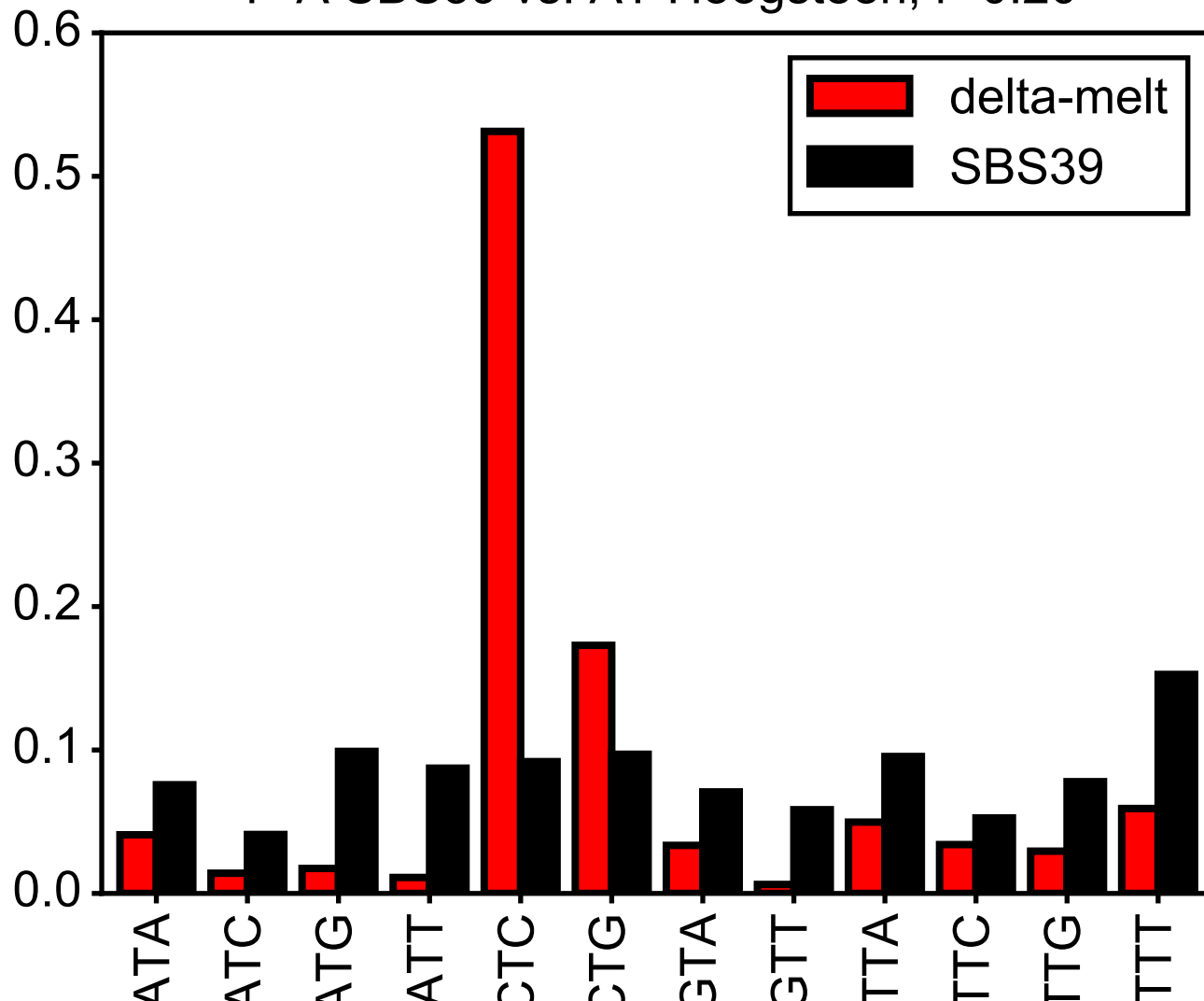
T>C SBS39 vs. AT Hoogsteen, $r=-0.05$



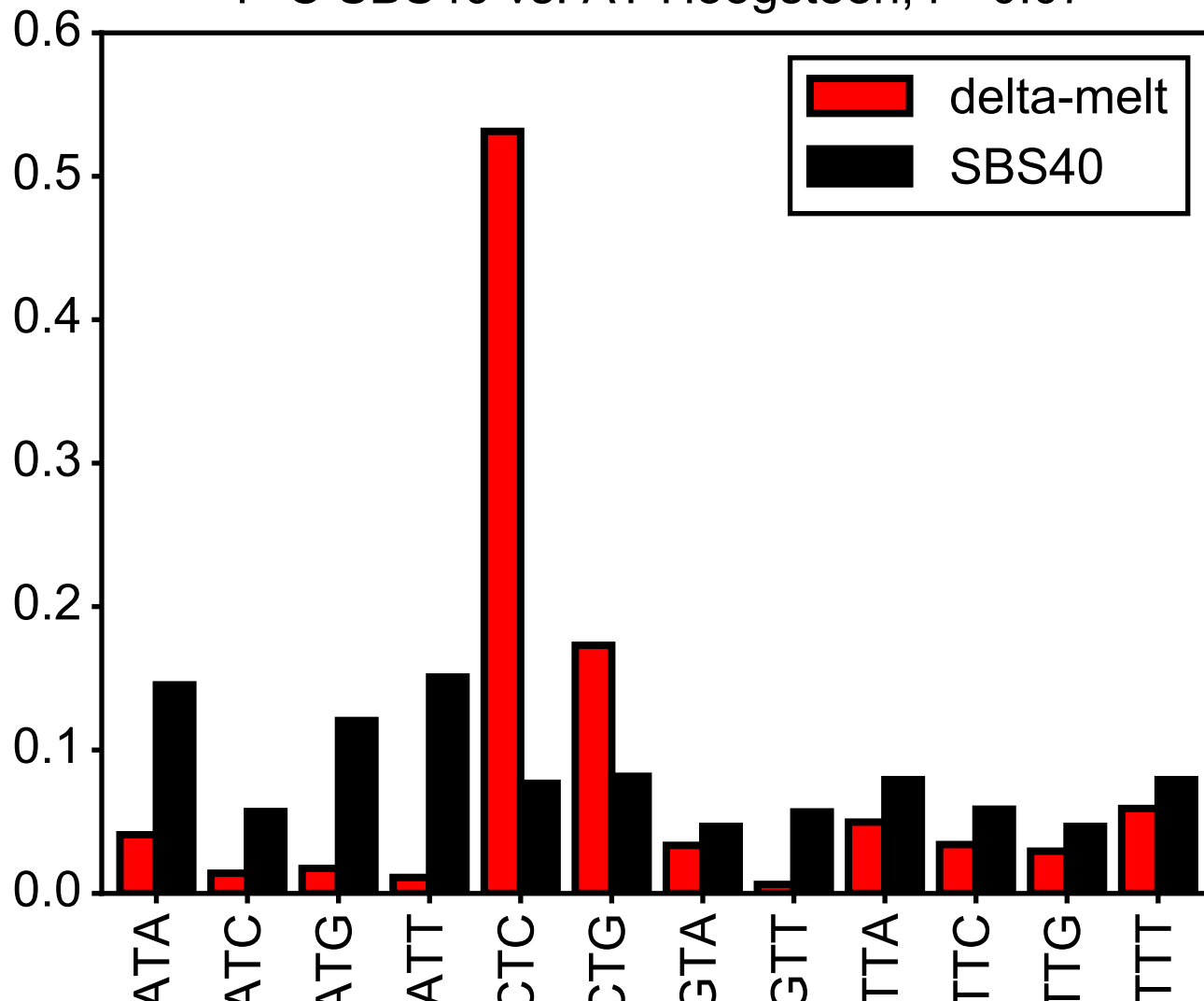
T>G SBS39 vs. AT Hoogsteen, $r=0.26$



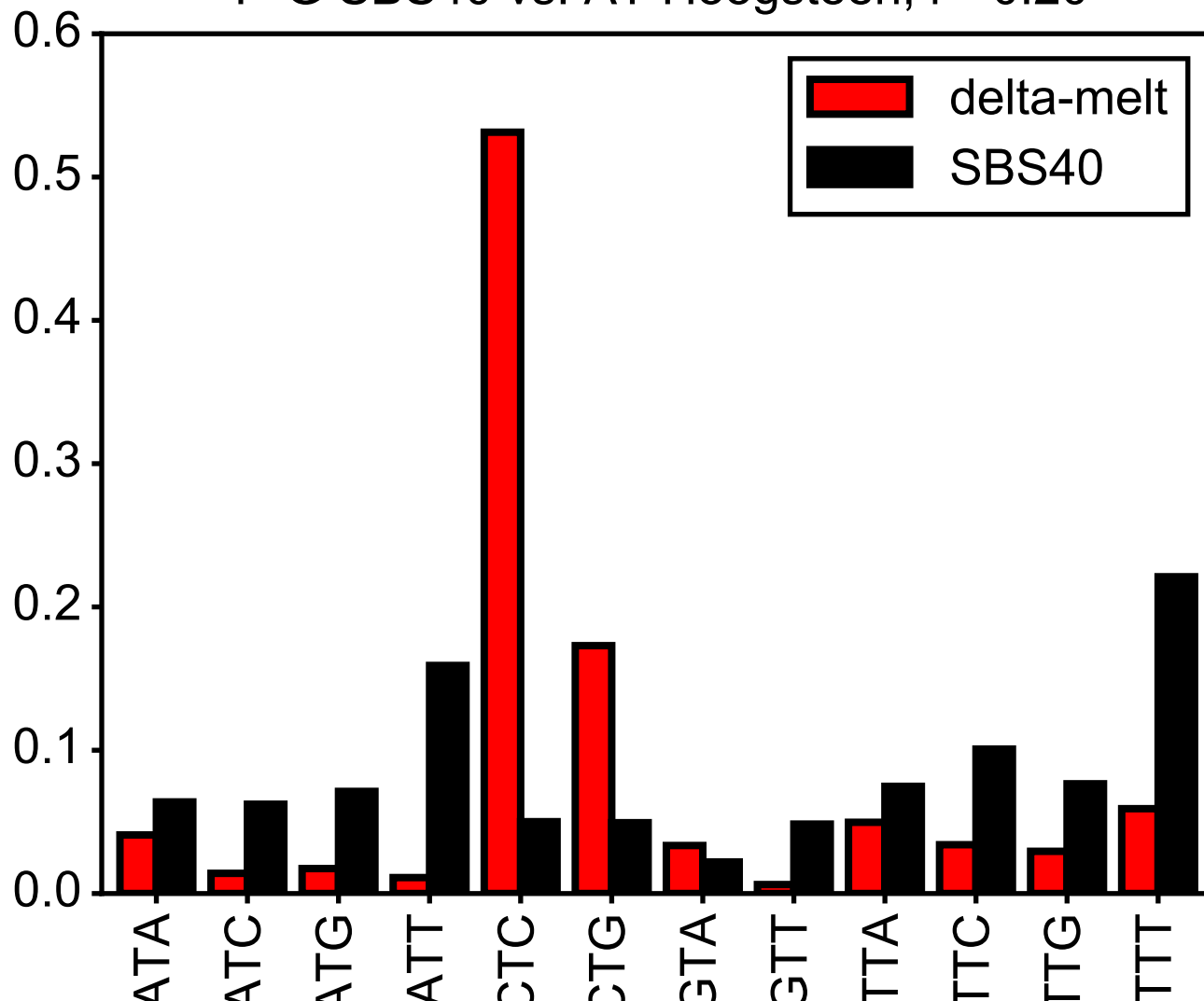
T>A SBS39 vs. AT Hoogsteen, $r=0.20$



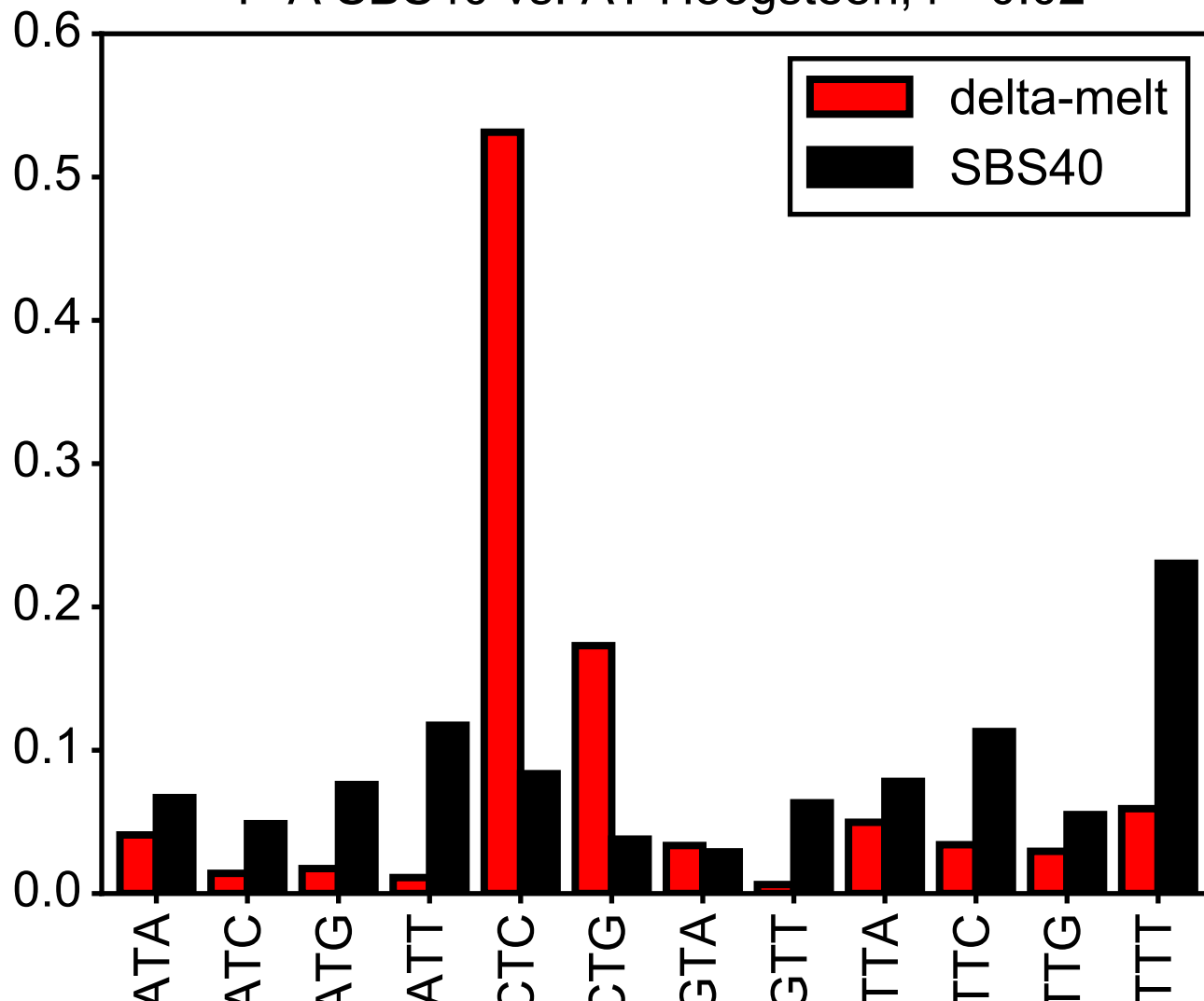
T>C SBS40 vs. AT Hoogsteen, $r=-0.07$



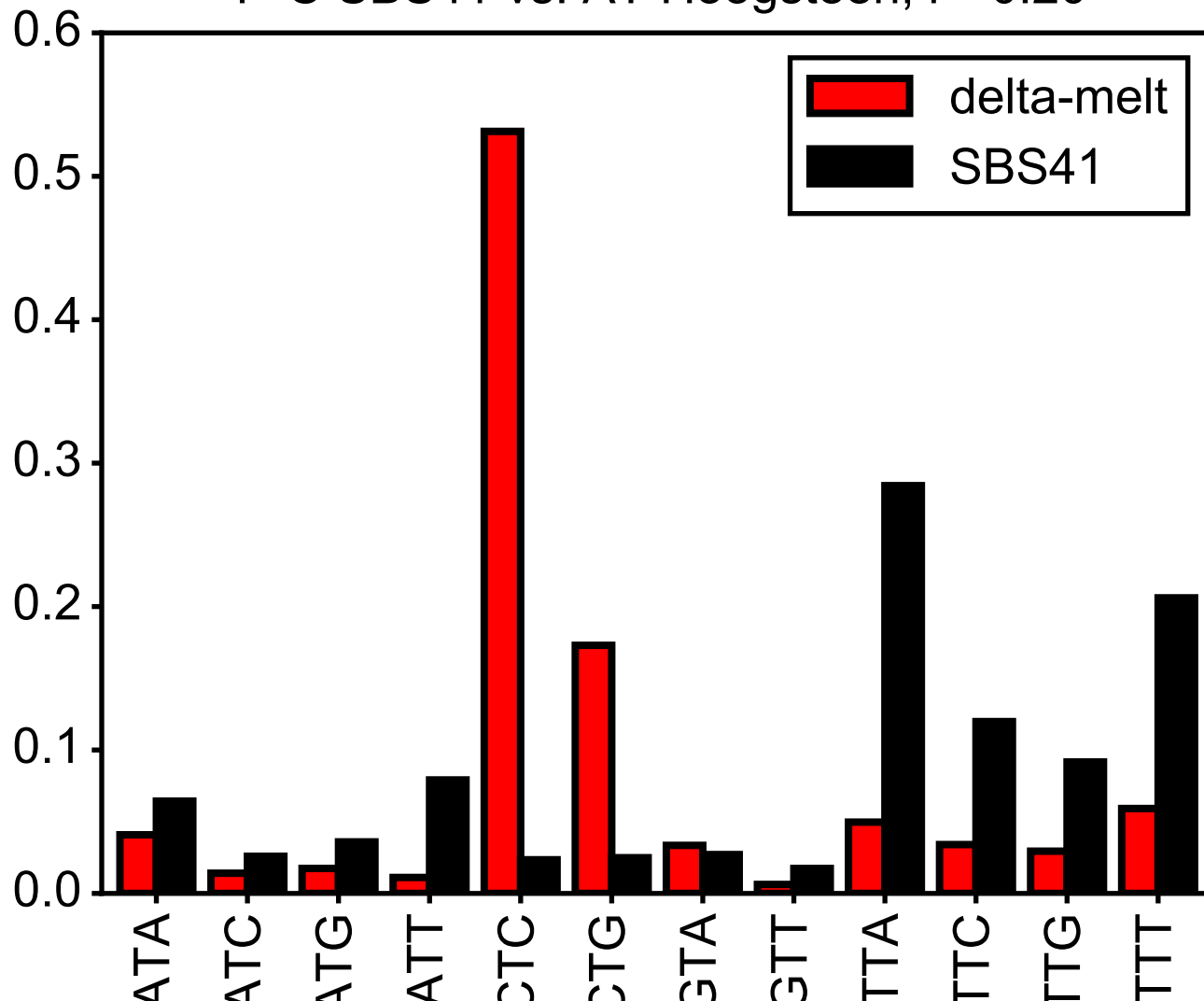
T>G SBS40 vs. AT Hoogsteen, $r=-0.20$



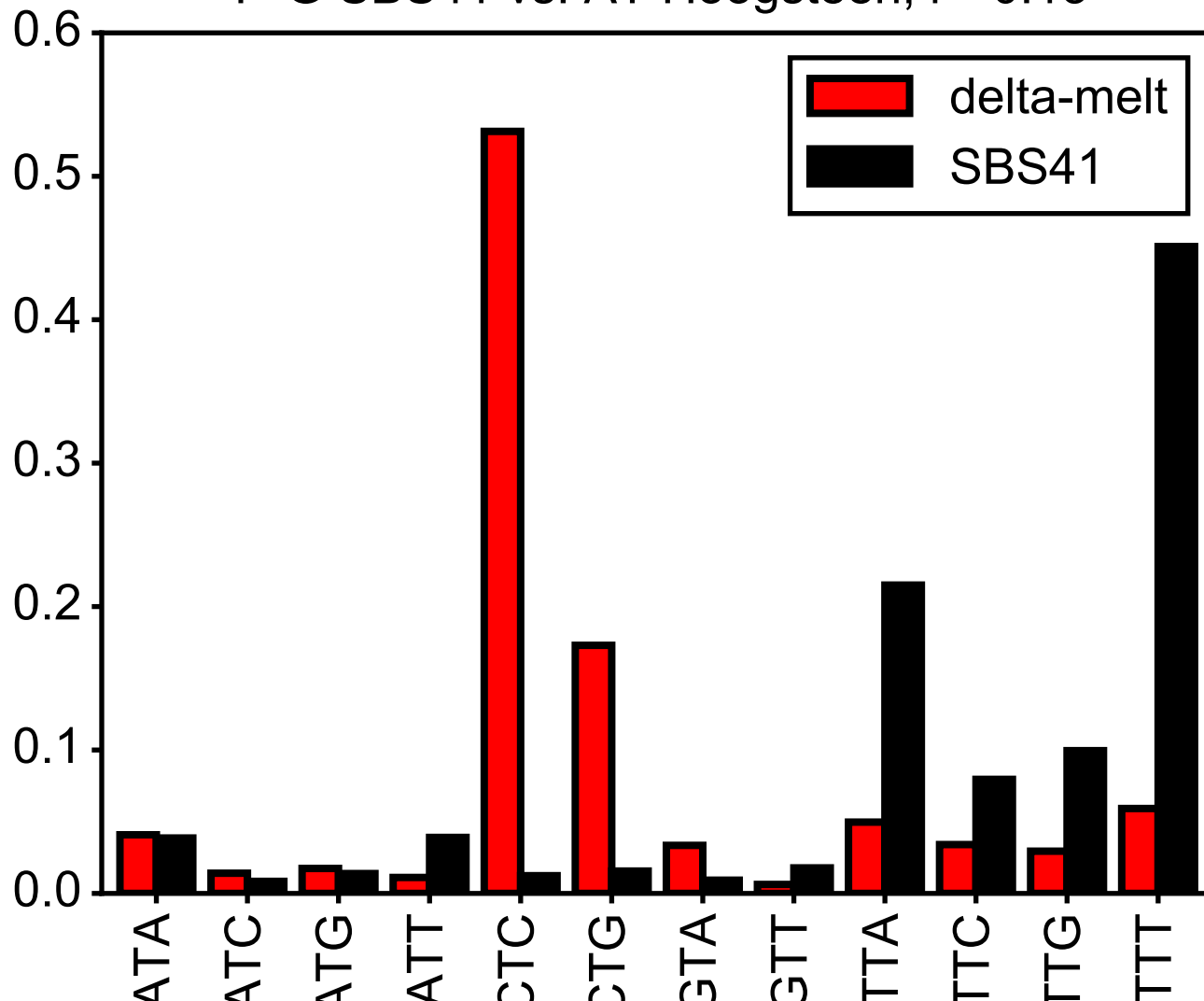
T>A SBS40 vs. AT Hoogsteen, $r=-0.02$



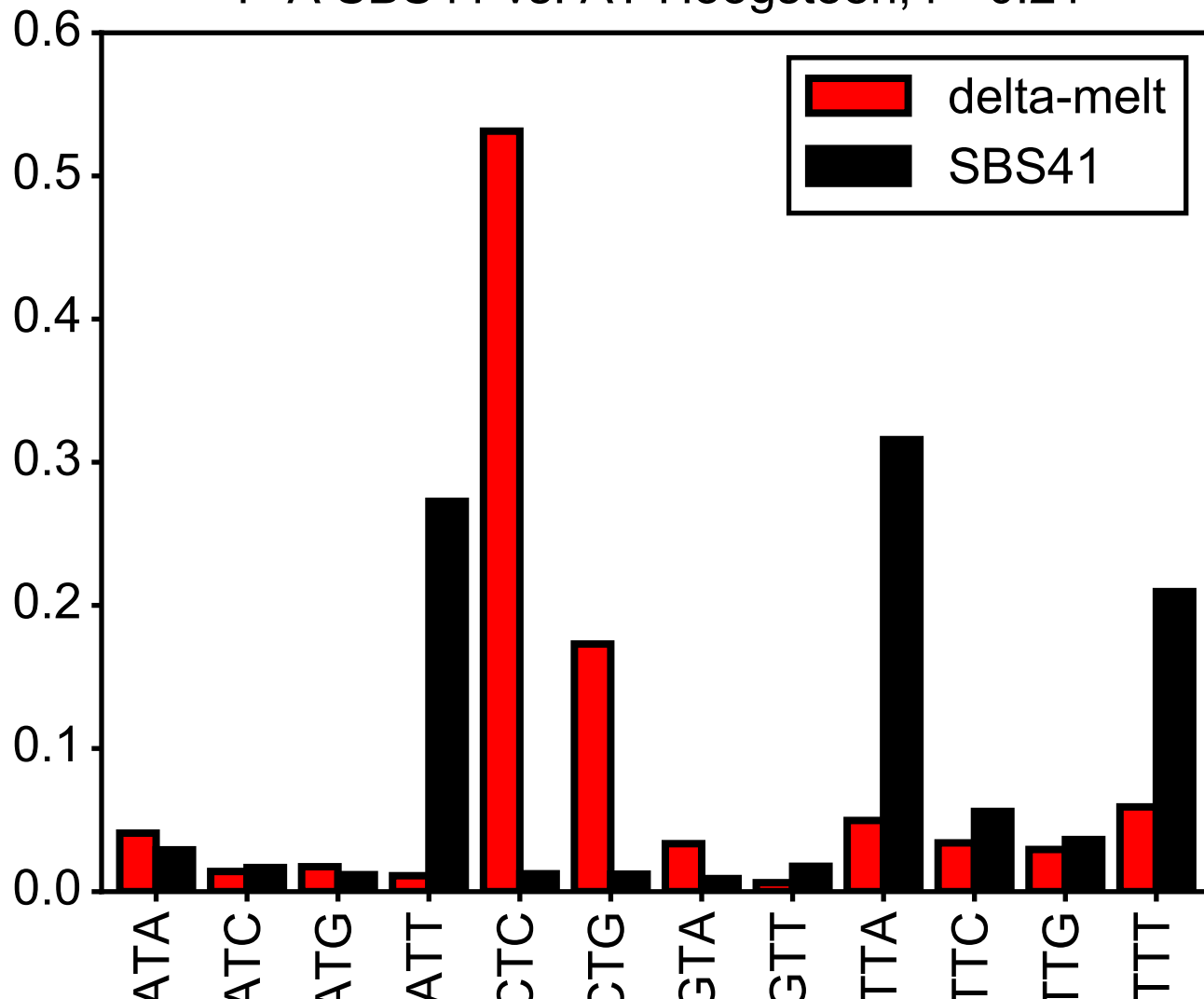
T>C SBS41 vs. AT Hoogsteen, $r=-0.20$



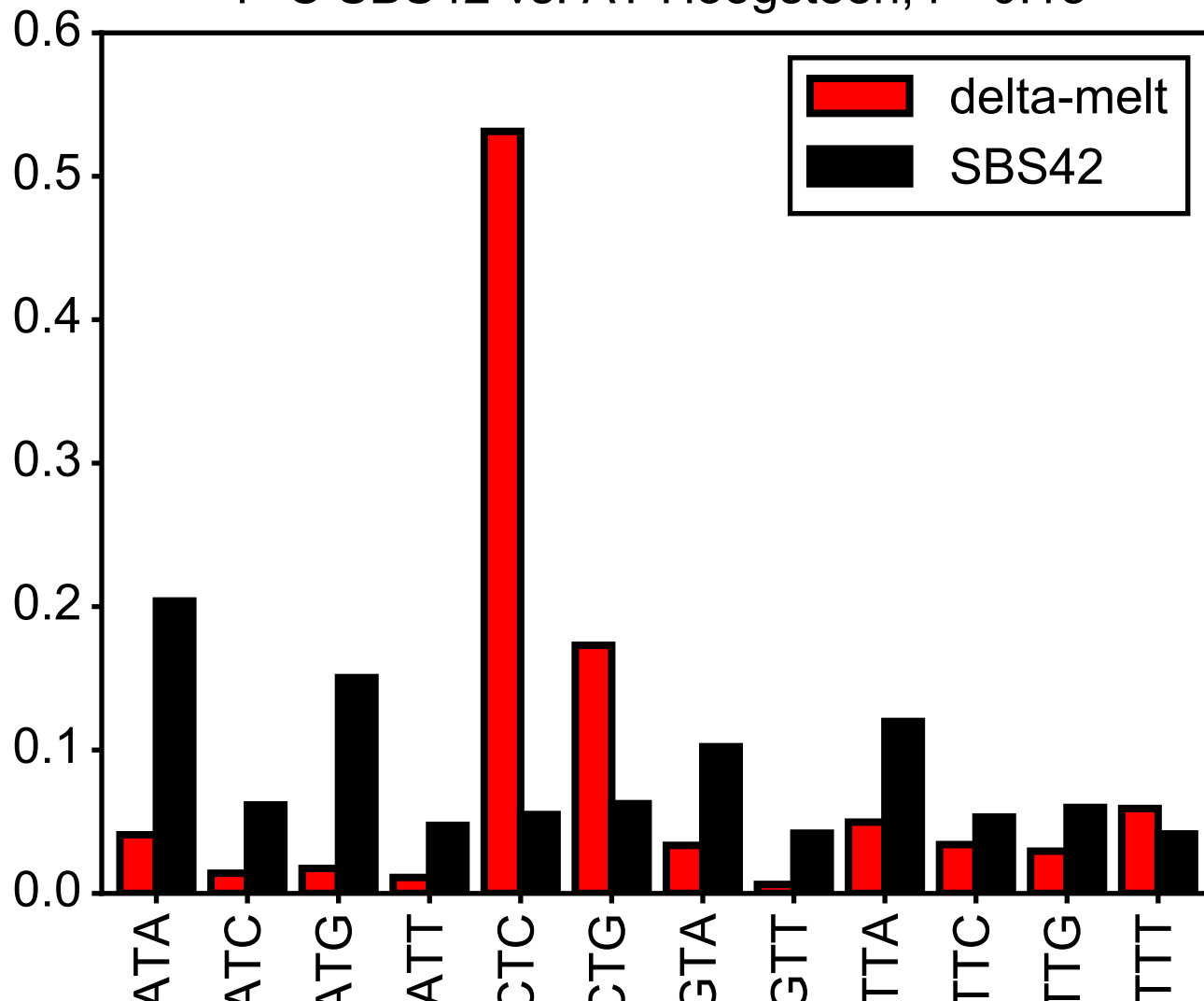
T>G SBS41 vs. AT Hoogsteen, $r=-0.13$



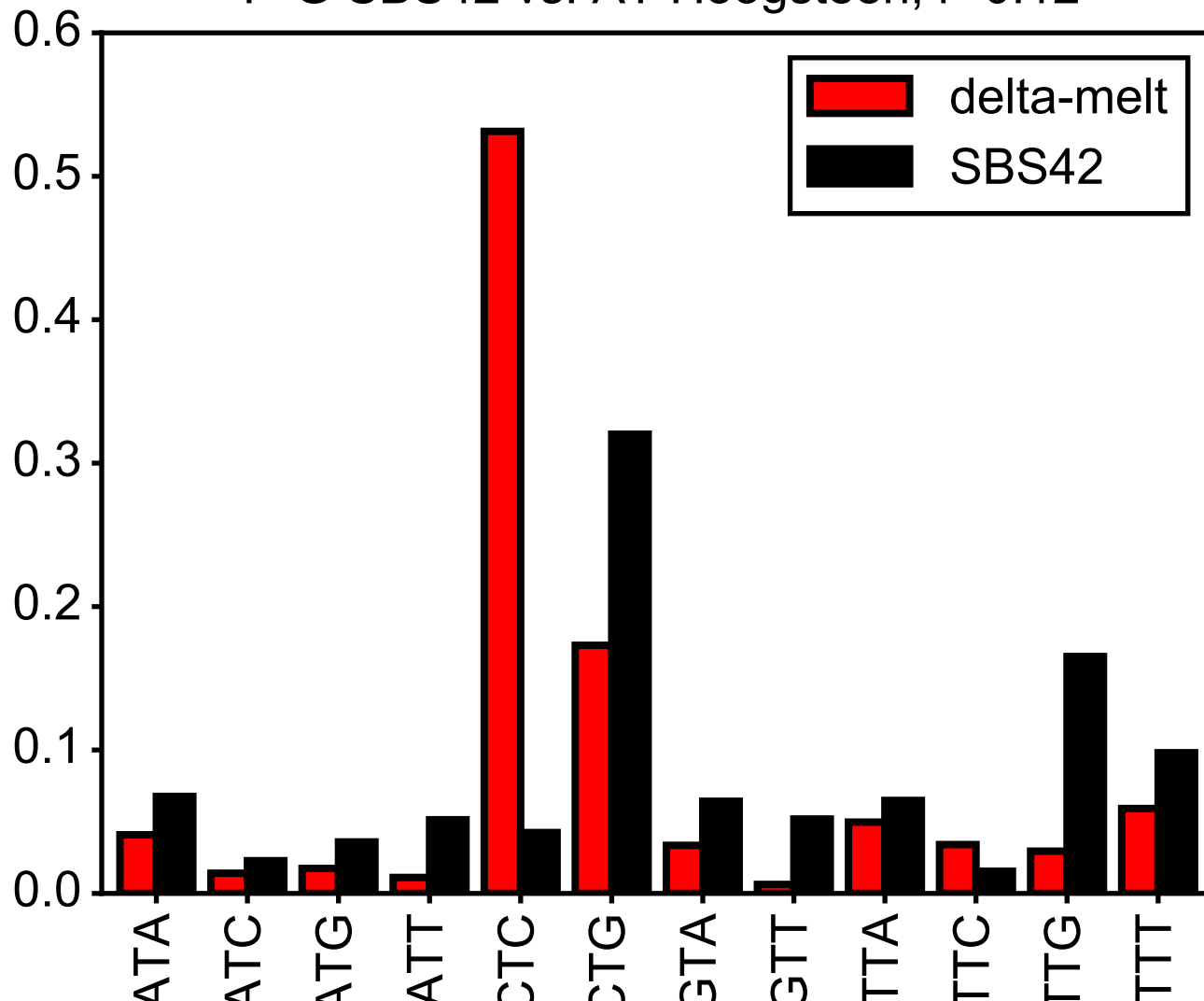
T>A SBS41 vs. AT Hoogsteen, $r=-0.21$



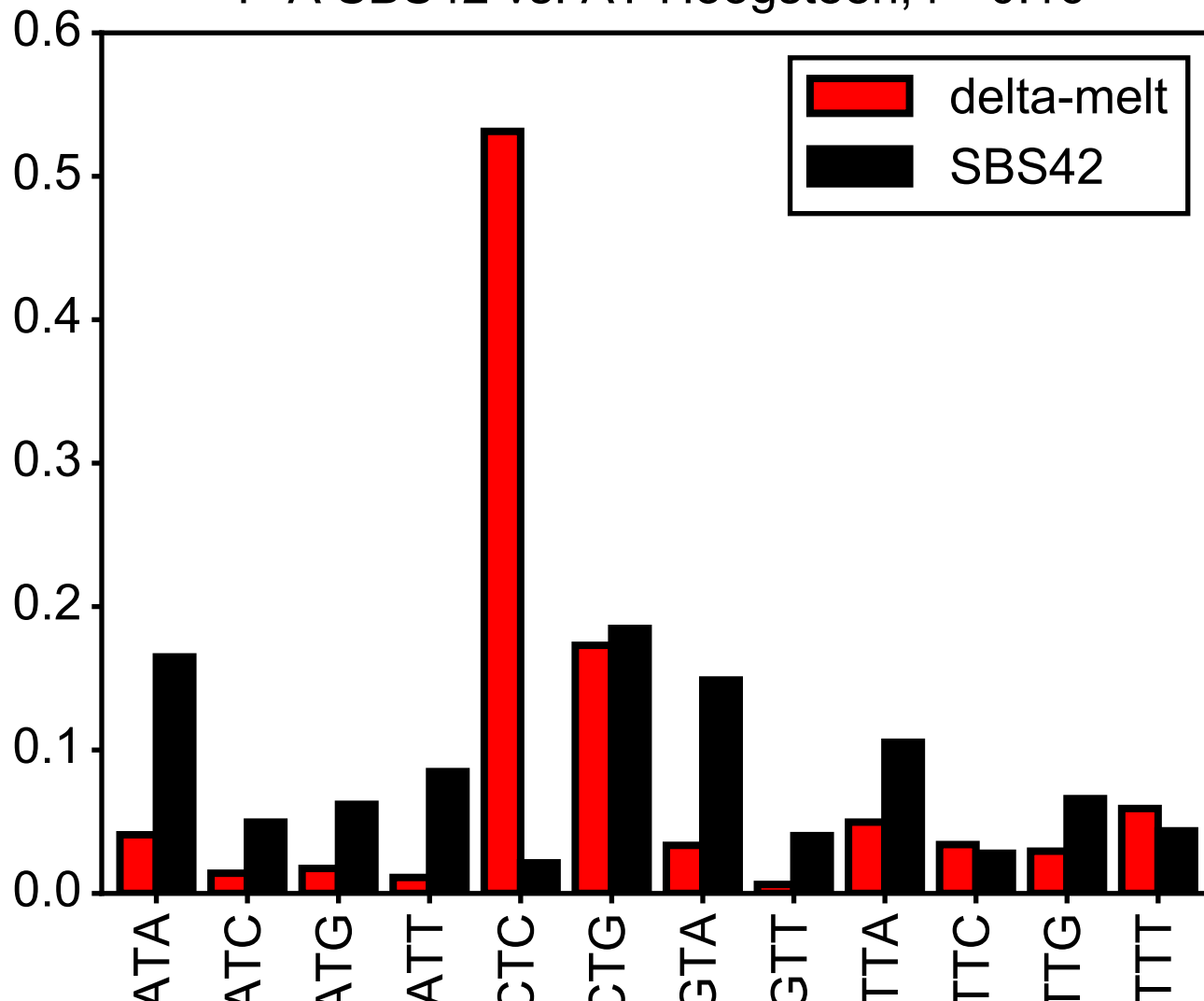
T>C SBS42 vs. AT Hoogsteen, $r=-0.18$



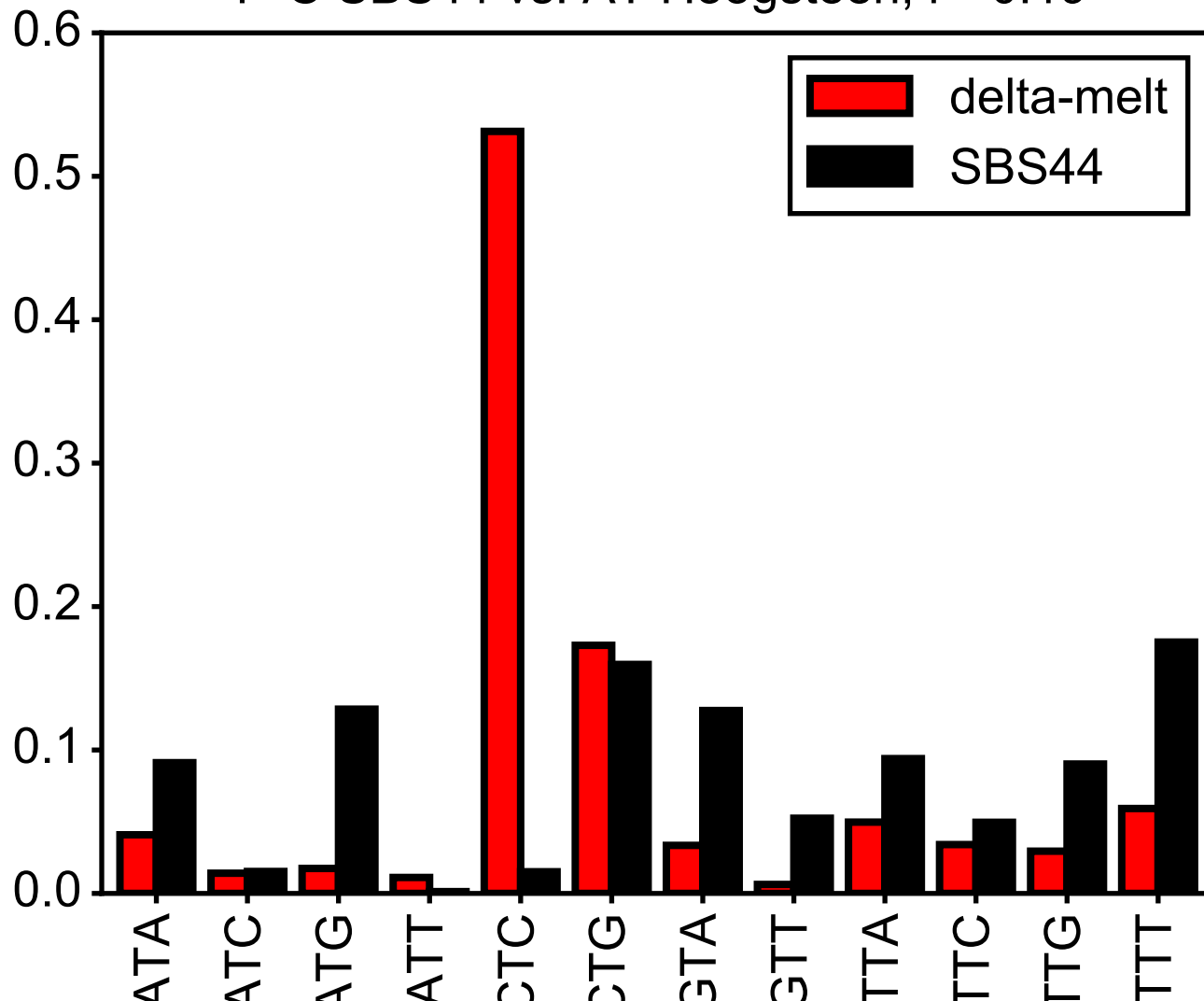
T>G SBS42 vs. AT Hoogsteen, $r=0.12$



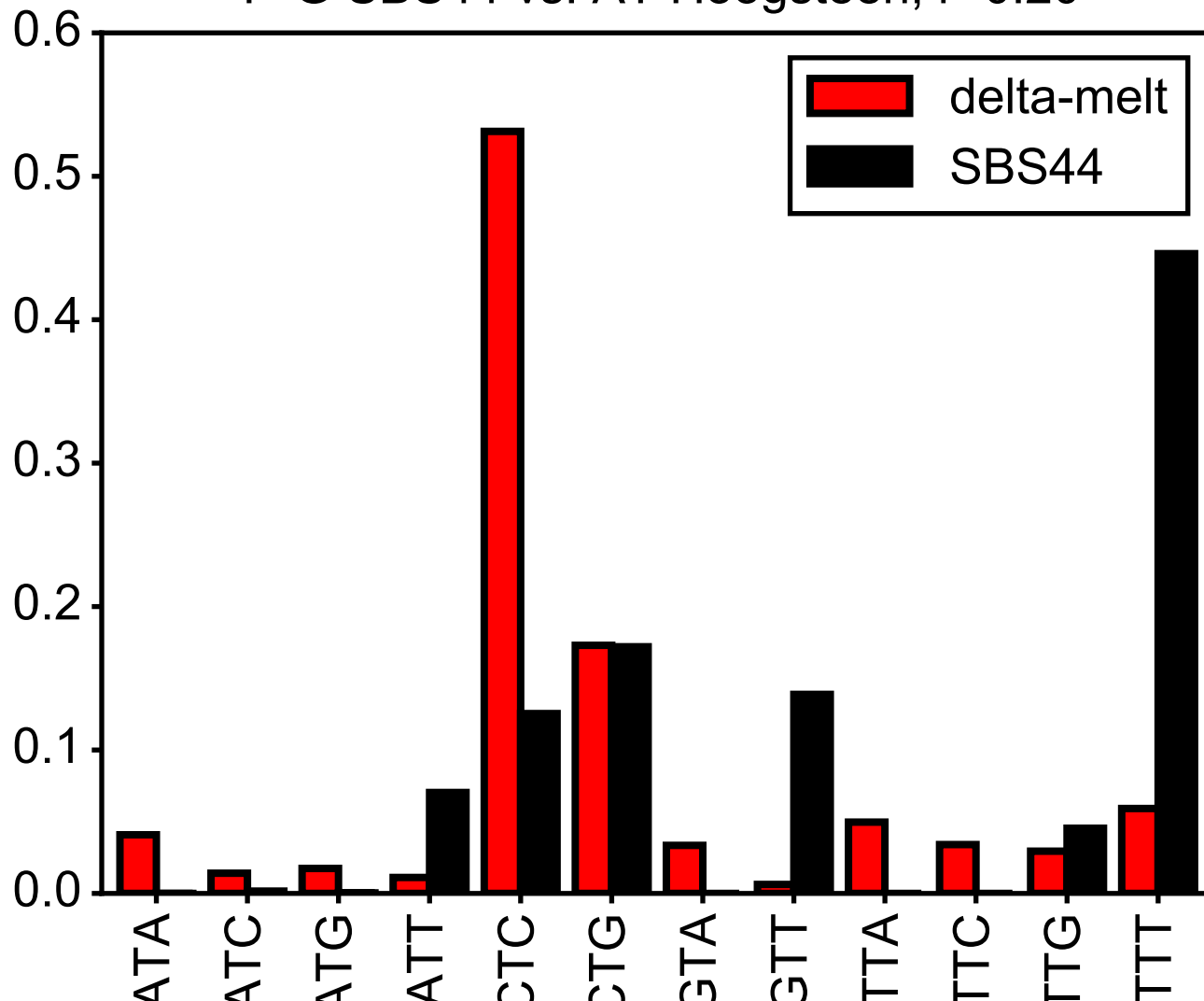
T>A SBS42 vs. AT Hoogsteen, $r=-0.16$



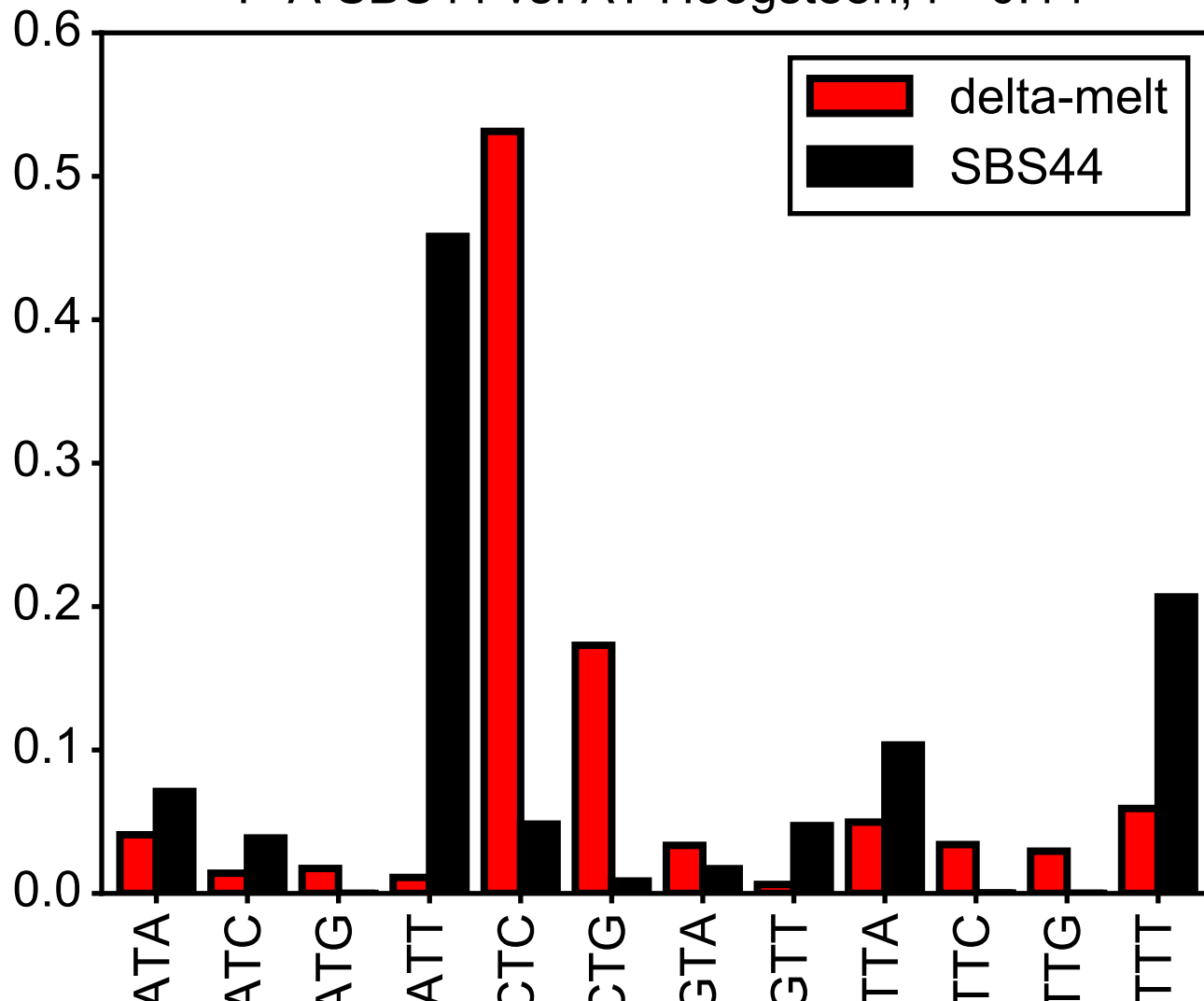
T>C SBS44 vs. AT Hoogsteen, $r=-0.19$



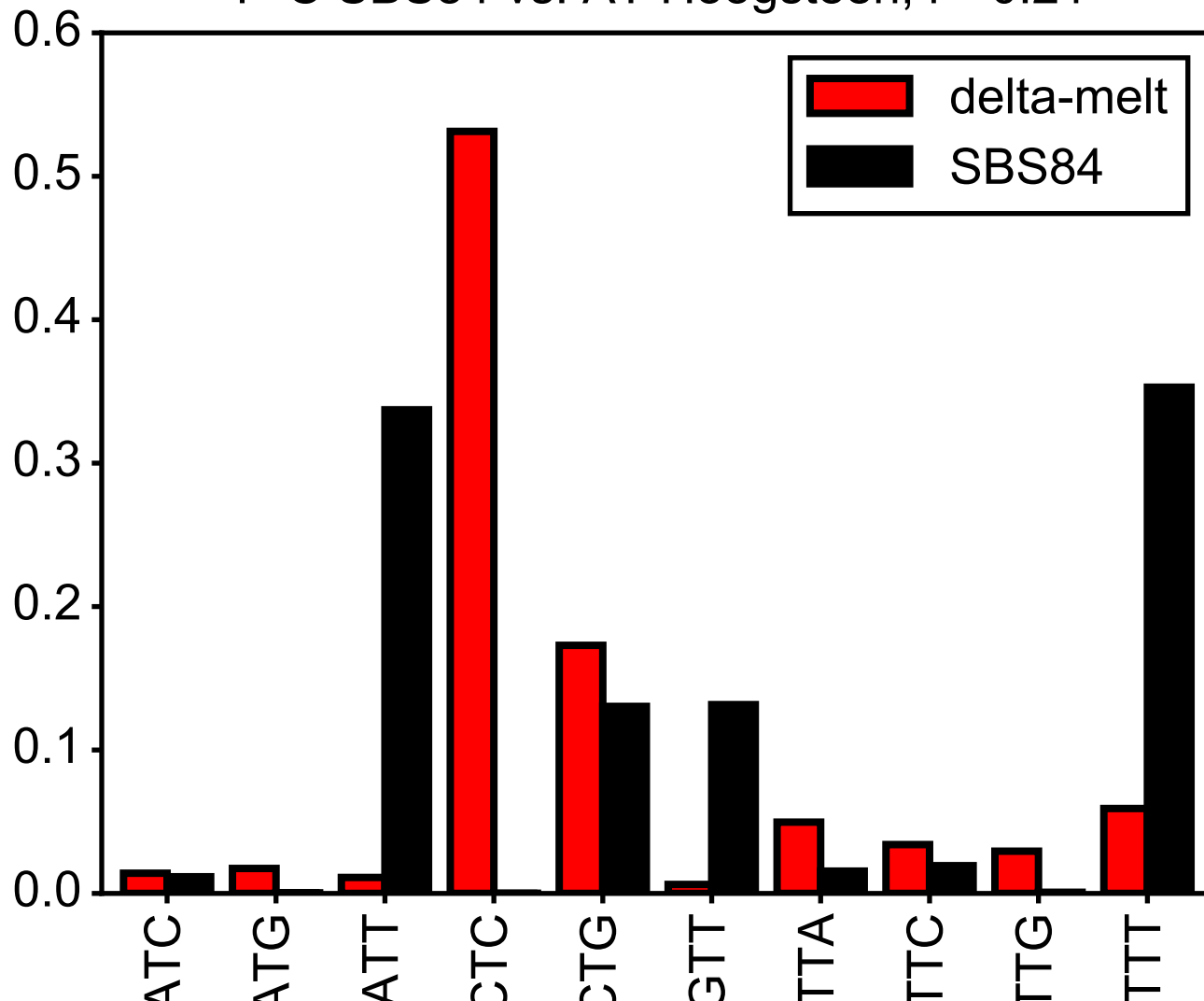
T>G SBS44 vs. AT Hoogsteen, $r=0.20$



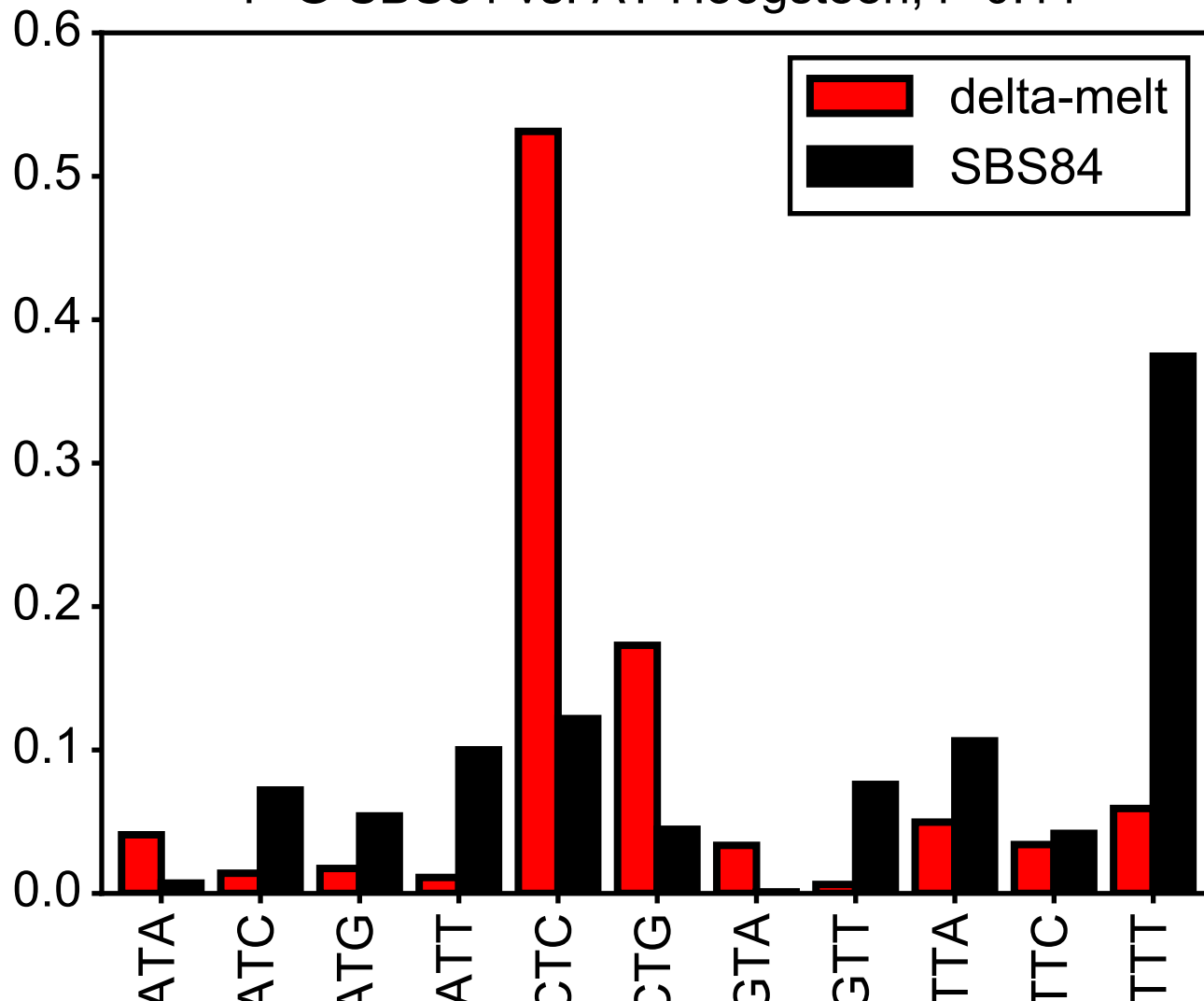
T>A SBS44 vs. AT Hoogsteen, $r=-0.14$



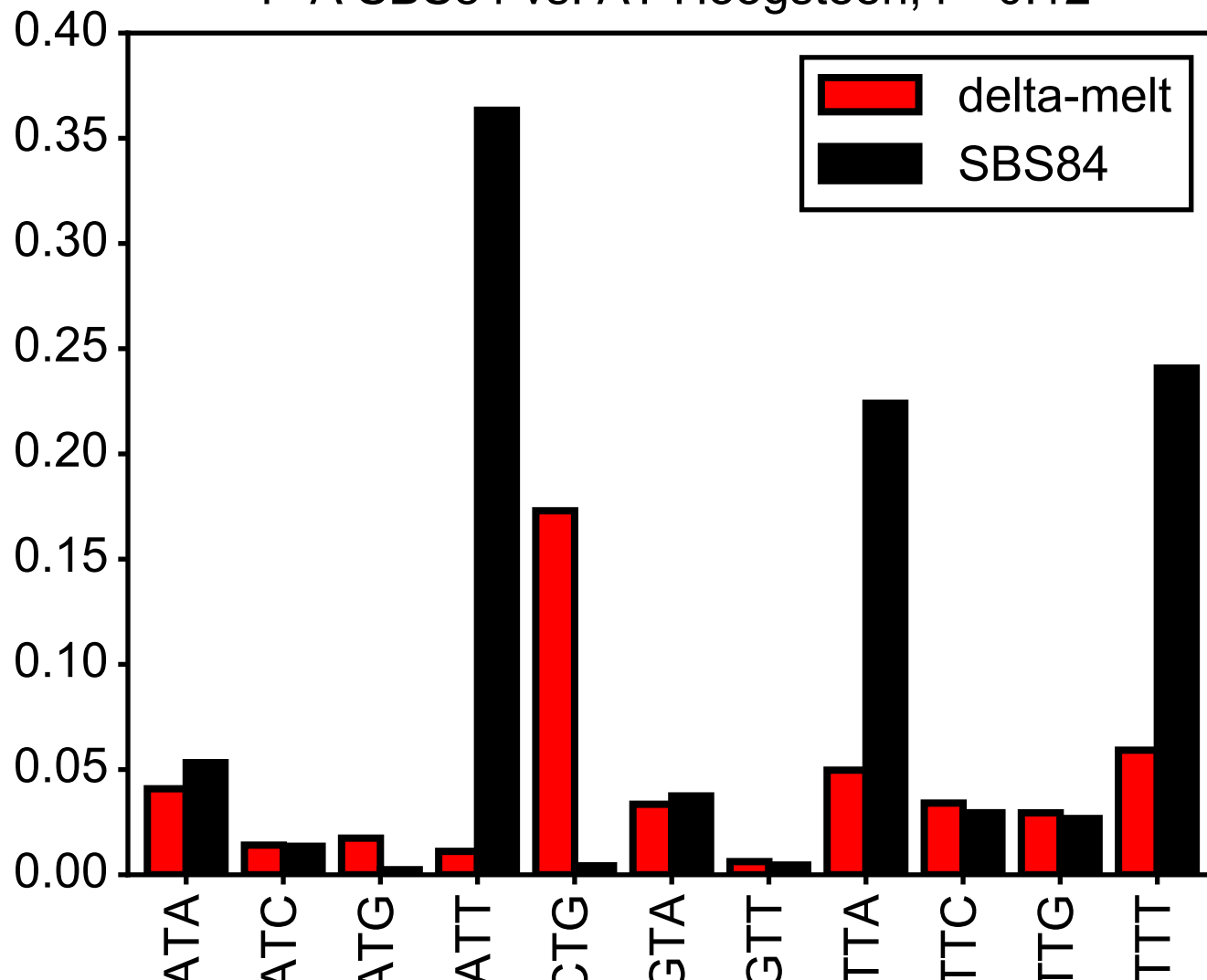
T>C SBS84 vs. AT Hoogsteen, $r=-0.21$



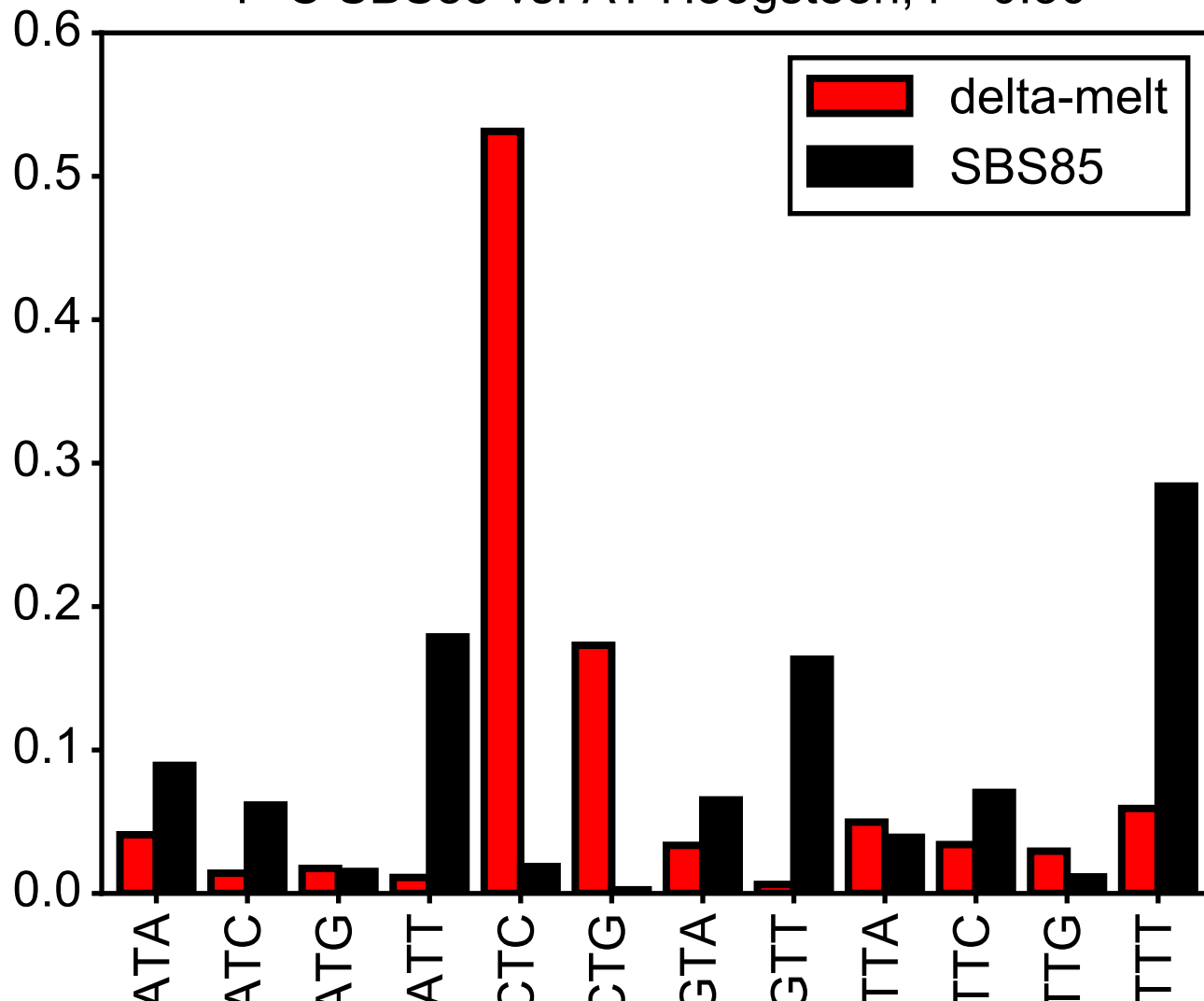
T>G SBS84 vs. AT Hoogsteen, $r=0.11$



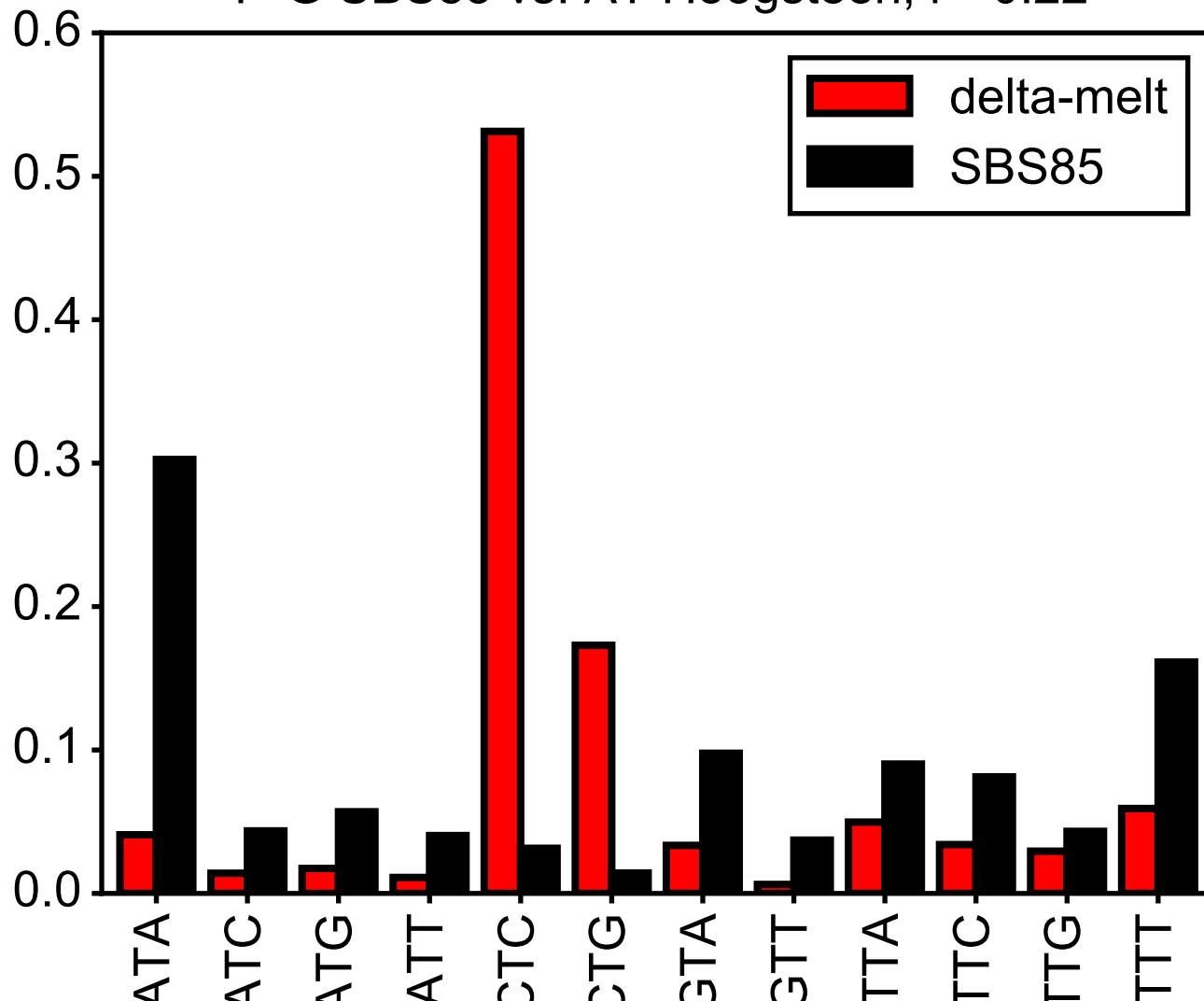
T>A SBS84 vs. AT Hoogsteen, $r=-0.12$



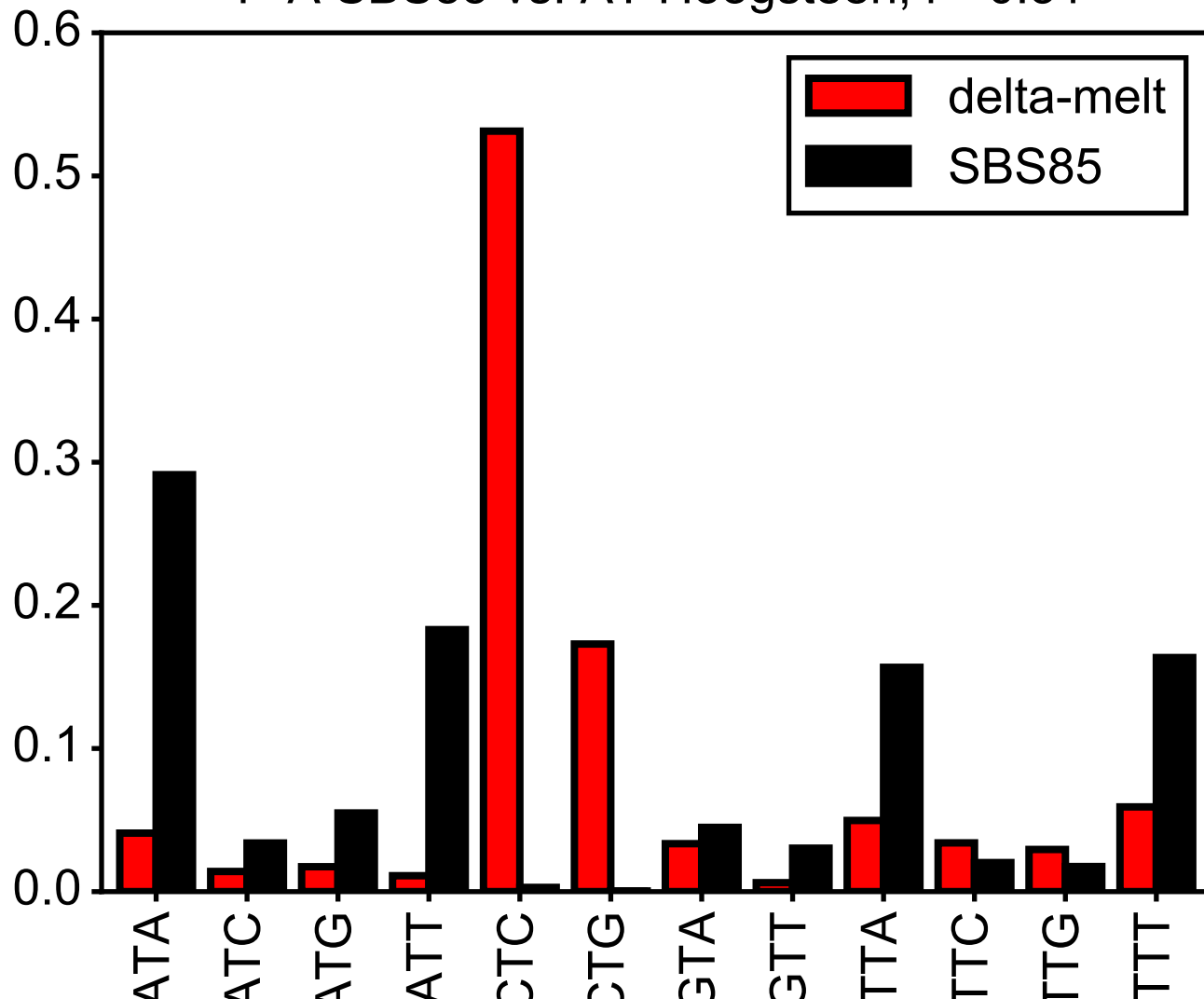
T>C SBS85 vs. AT Hoogsteen, $r=-0.30$



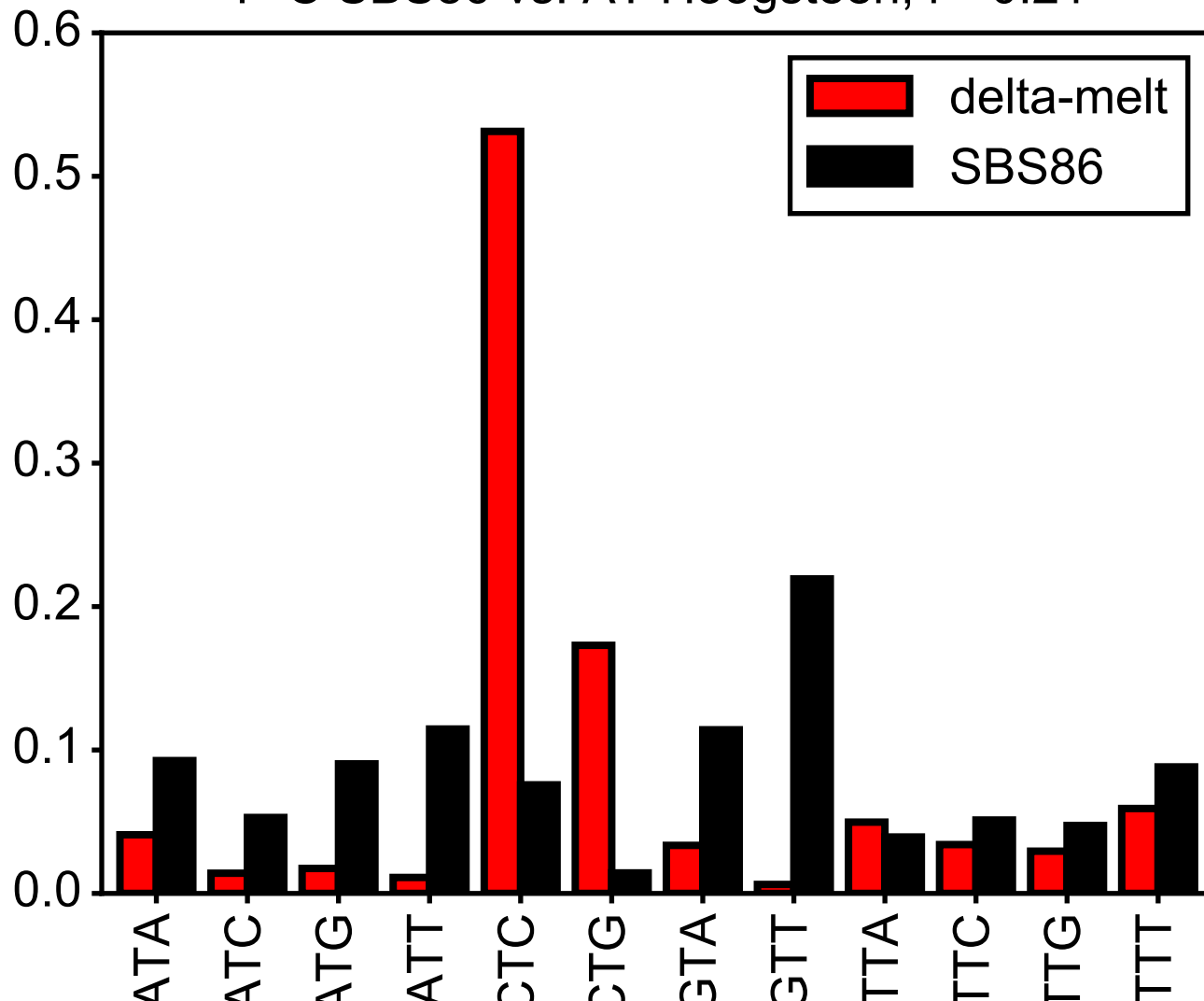
T>G SBS85 vs. AT Hoogsteen, $r=-0.22$



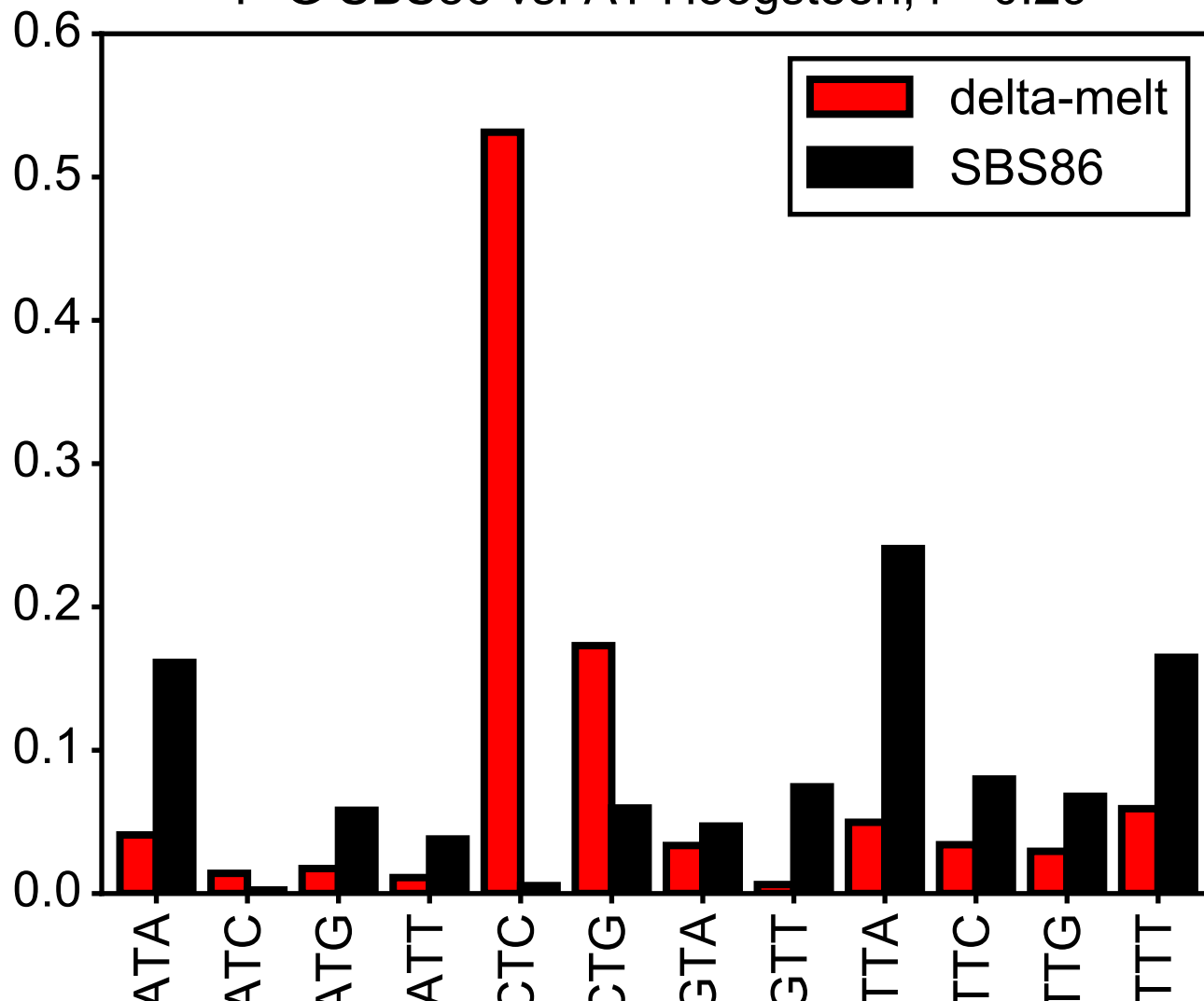
T>A SBS85 vs. AT Hoogsteen, $r=-0.31$



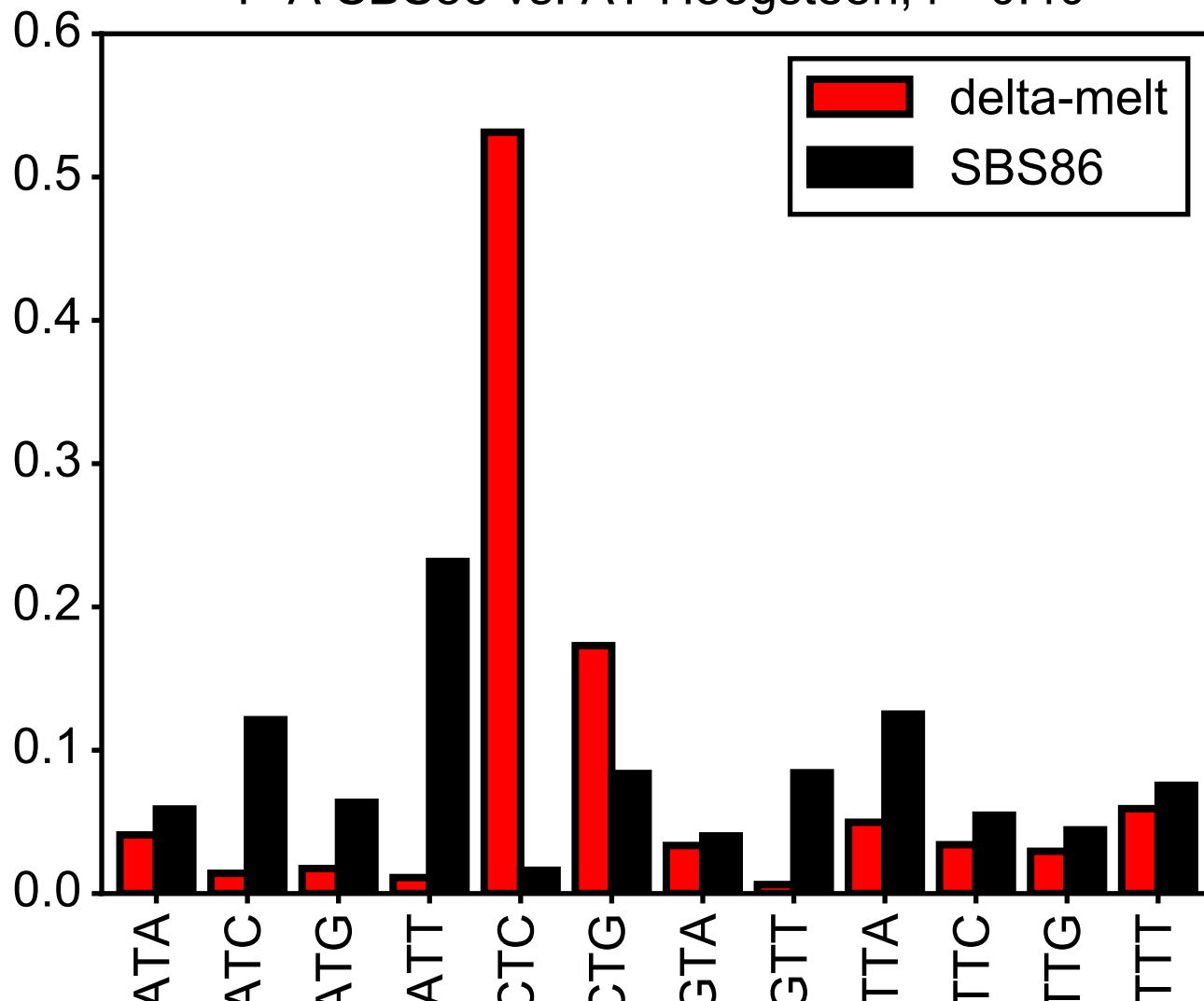
T>C SBS86 vs. AT Hoogsteen, $r=-0.21$



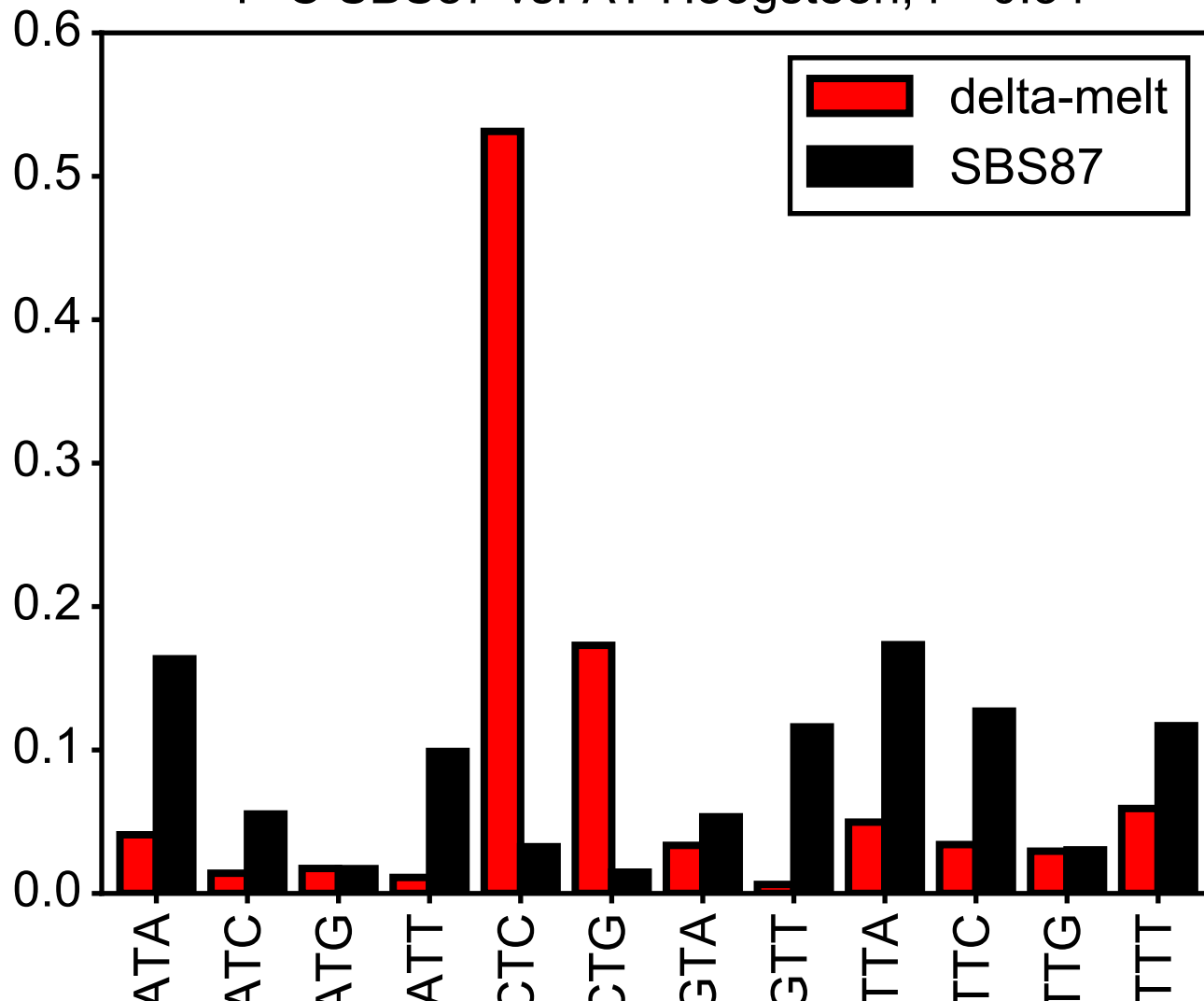
T>G SBS86 vs. AT Hoogsteen, $r=-0.29$



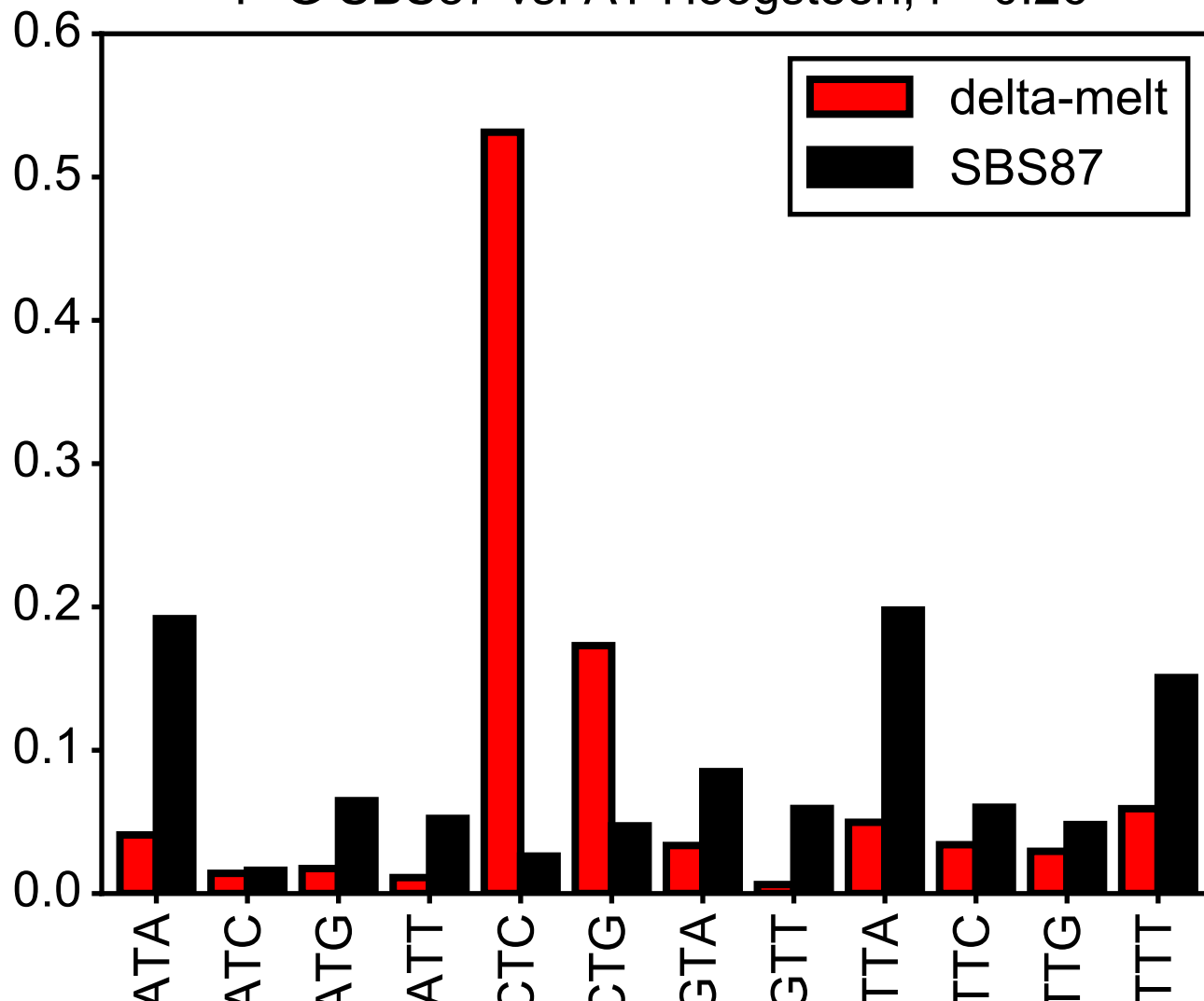
T>A SBS86 vs. AT Hoogsteen, $r=-0.40$



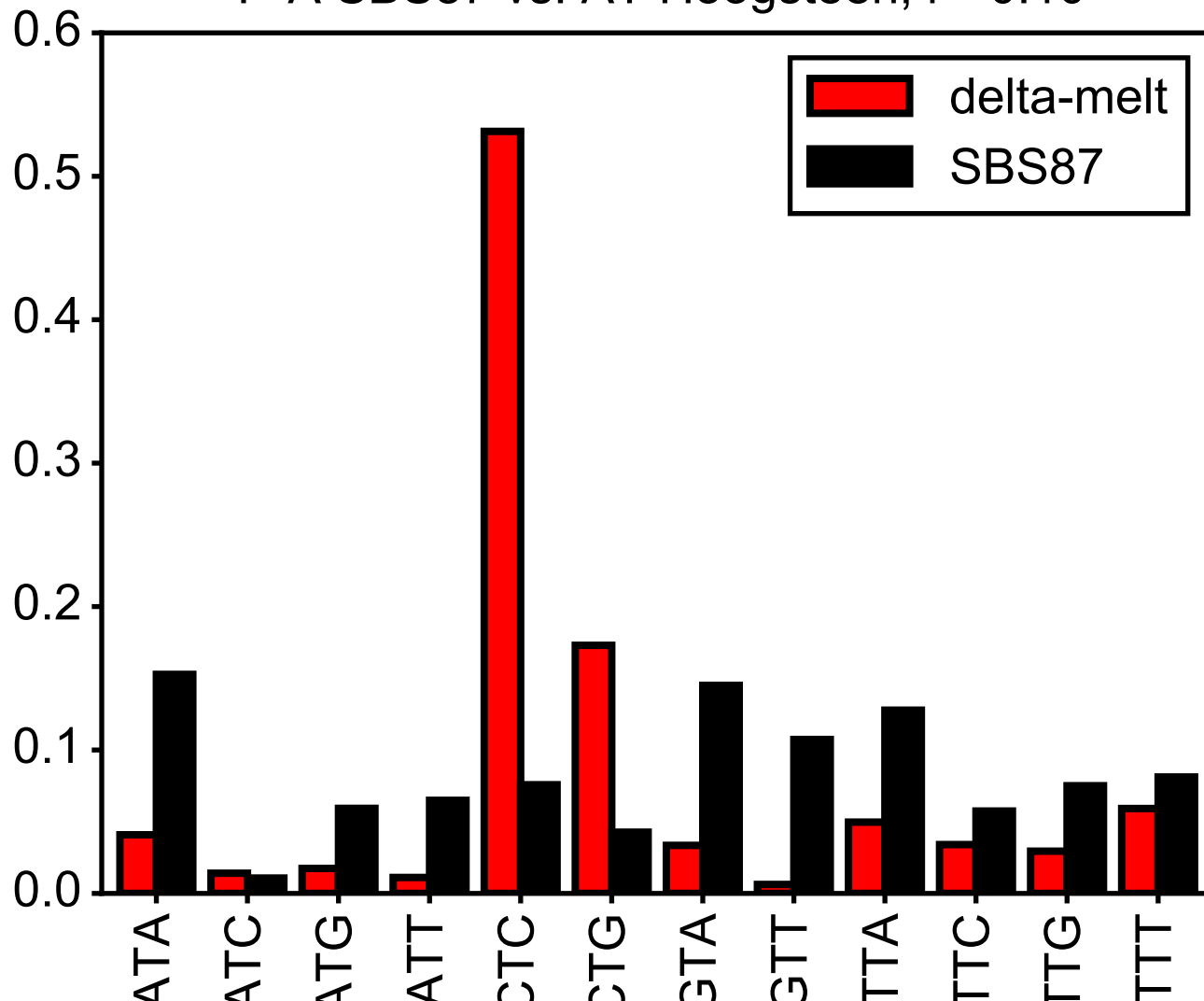
T>C SBS87 vs. AT Hoogsteen, $r=-0.34$



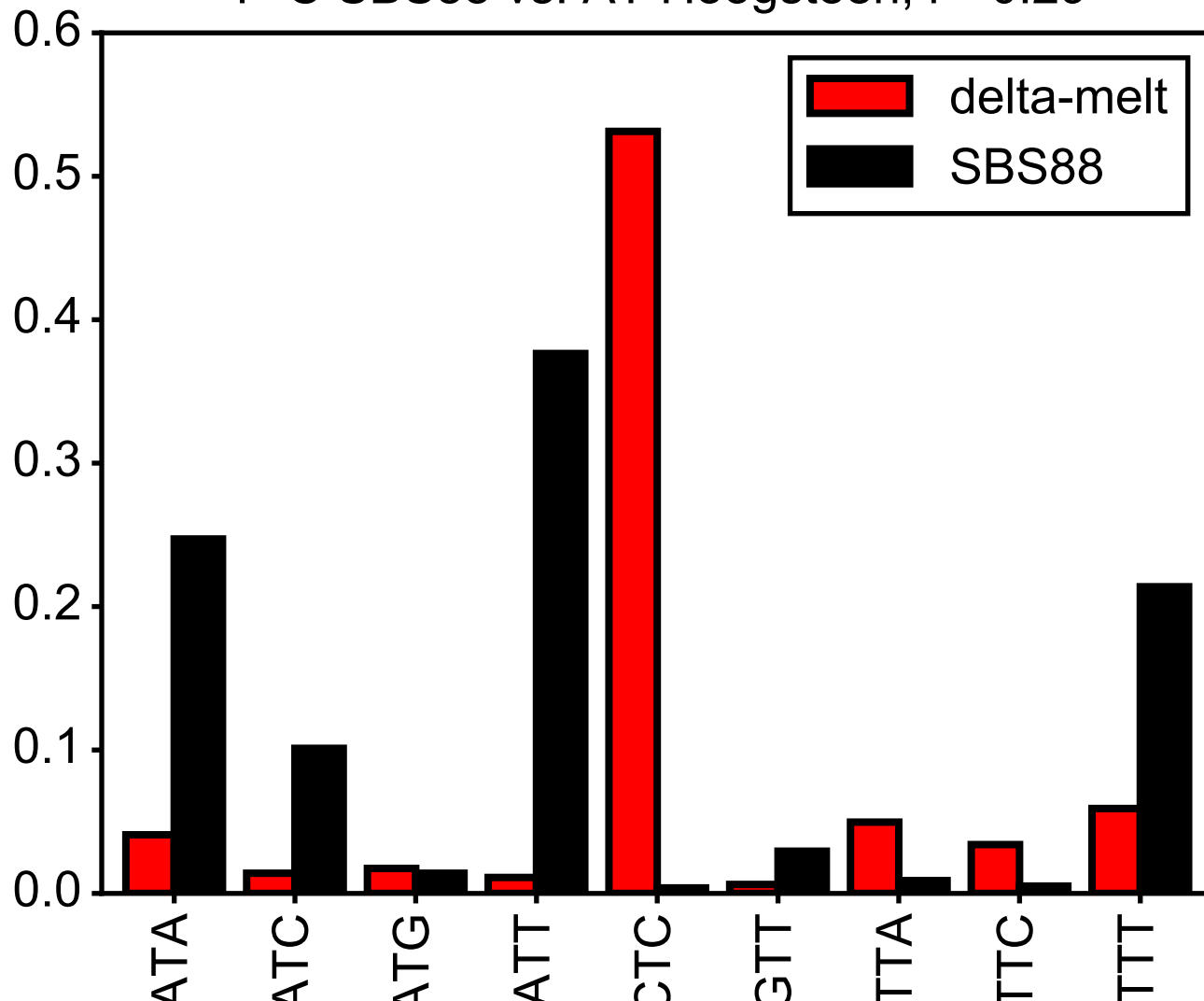
T>G SBS87 vs. AT Hoogsteen, $r=-0.26$



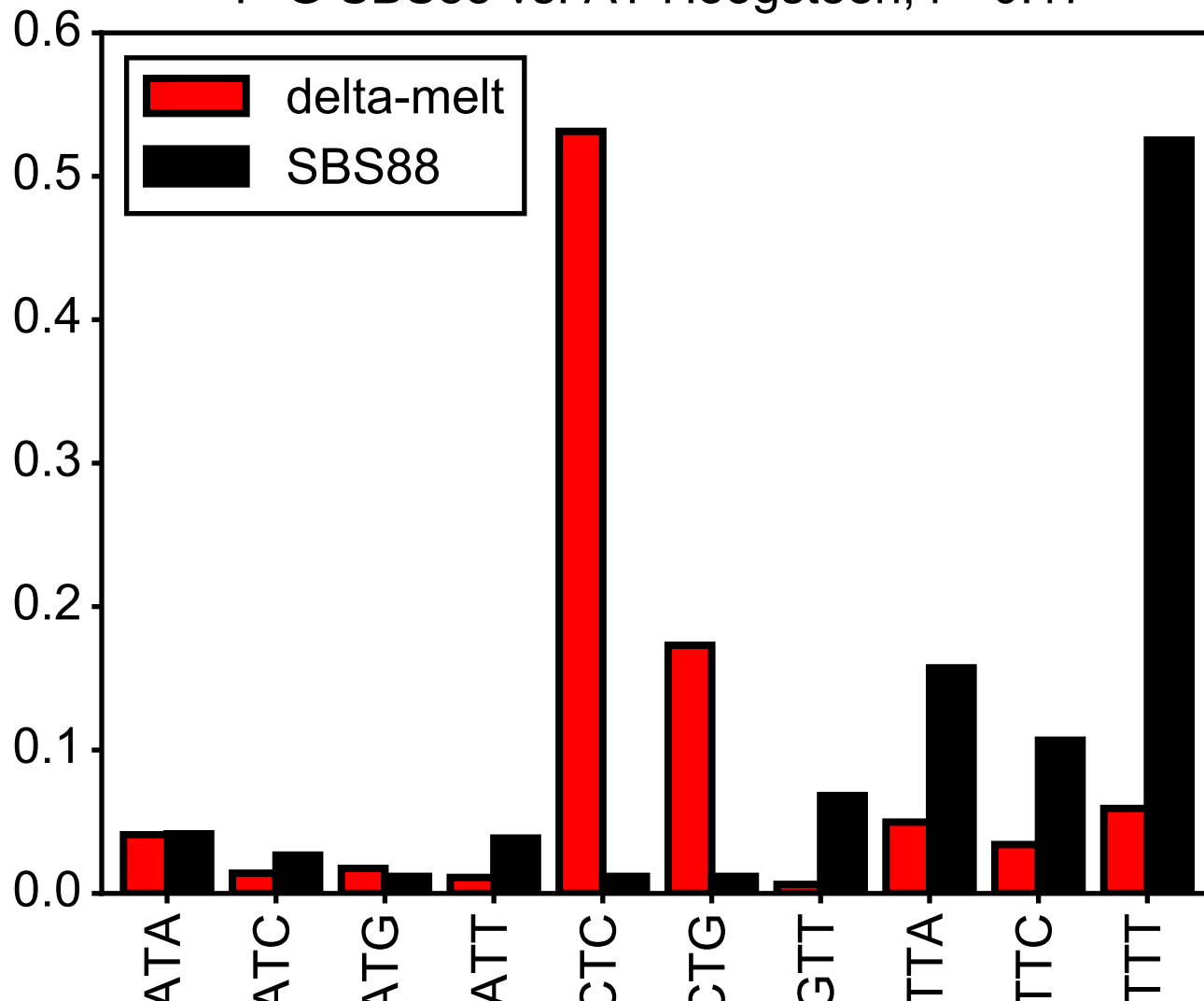
T>A SBS87 vs. AT Hoogsteen, $r=-0.10$



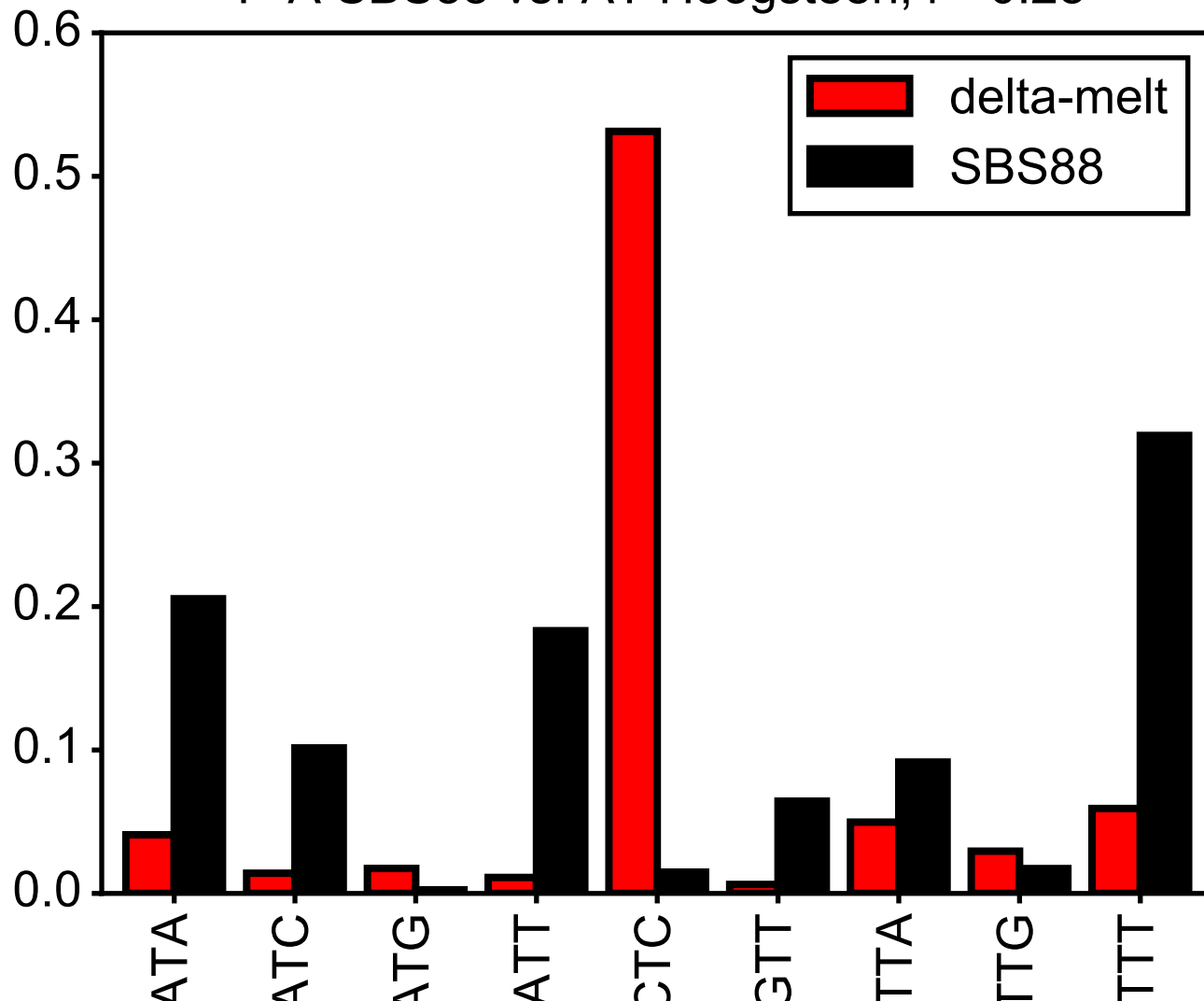
T>C SBS88 vs. AT Hoogsteen, $r=-0.29$



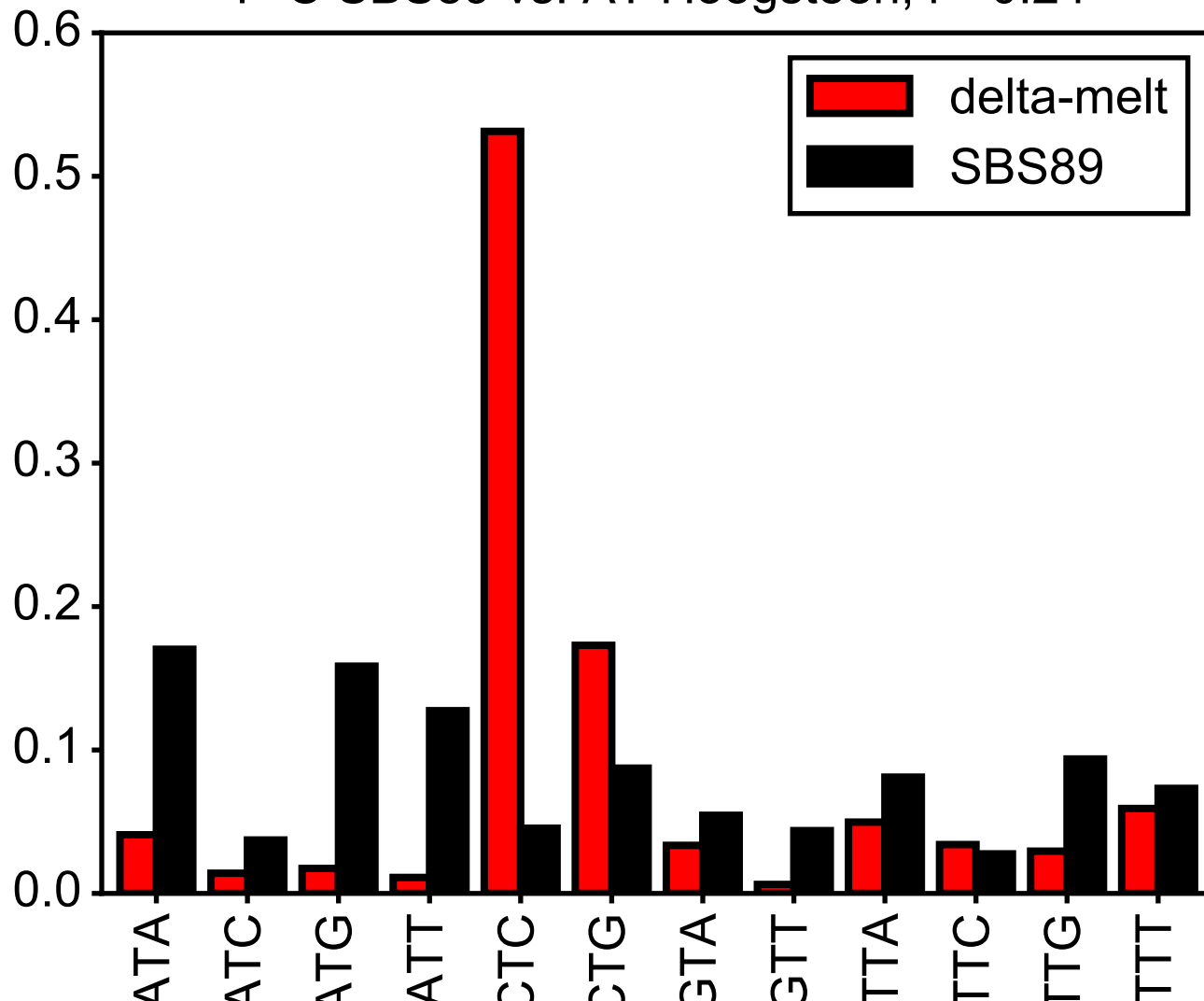
T>G SBS88 vs. AT Hoogsteen, $r=-0.17$



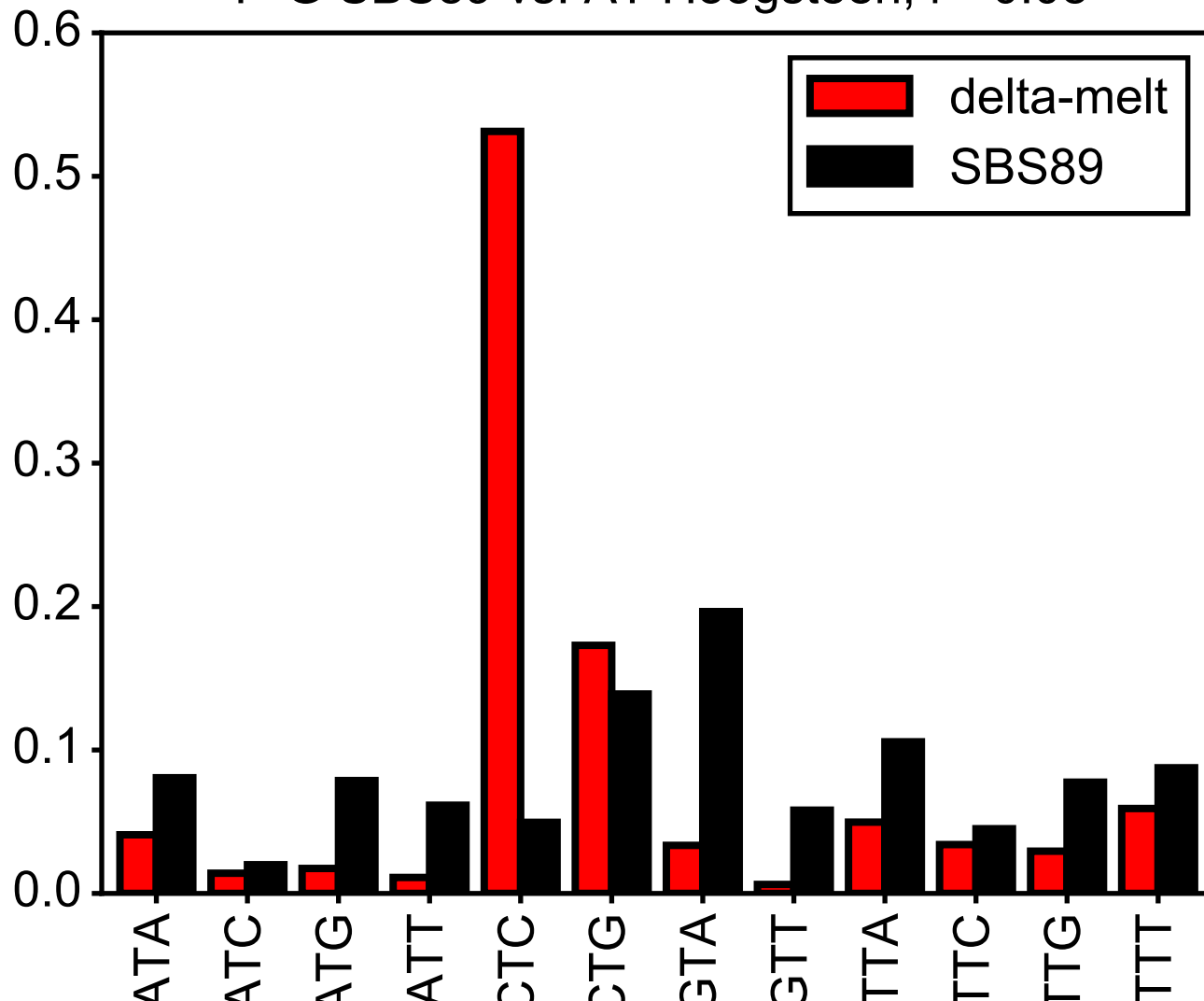
T>A SBS88 vs. AT Hoogsteen, $r=-0.28$



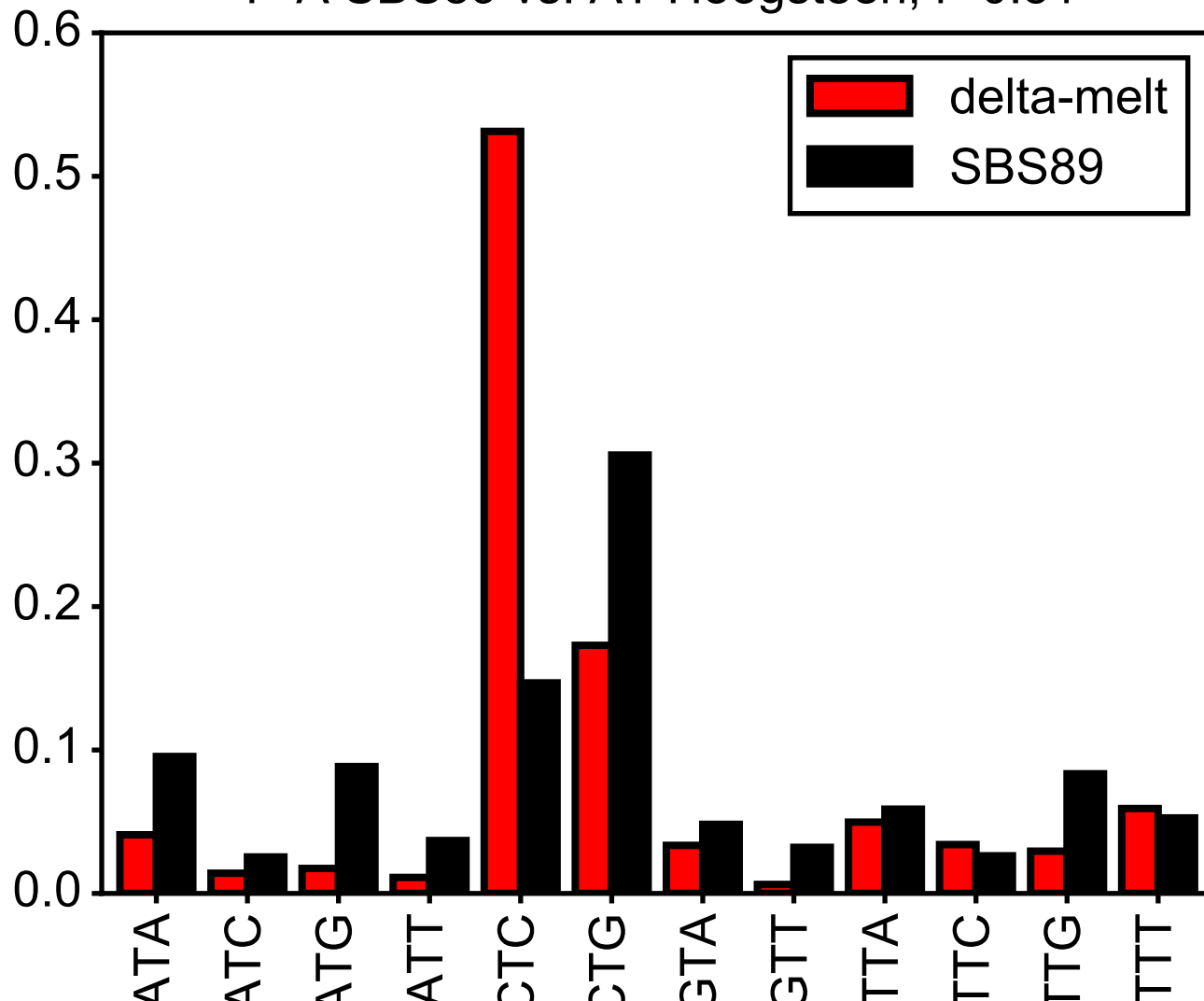
T>C SBS89 vs. AT Hoogsteen, $r=-0.24$



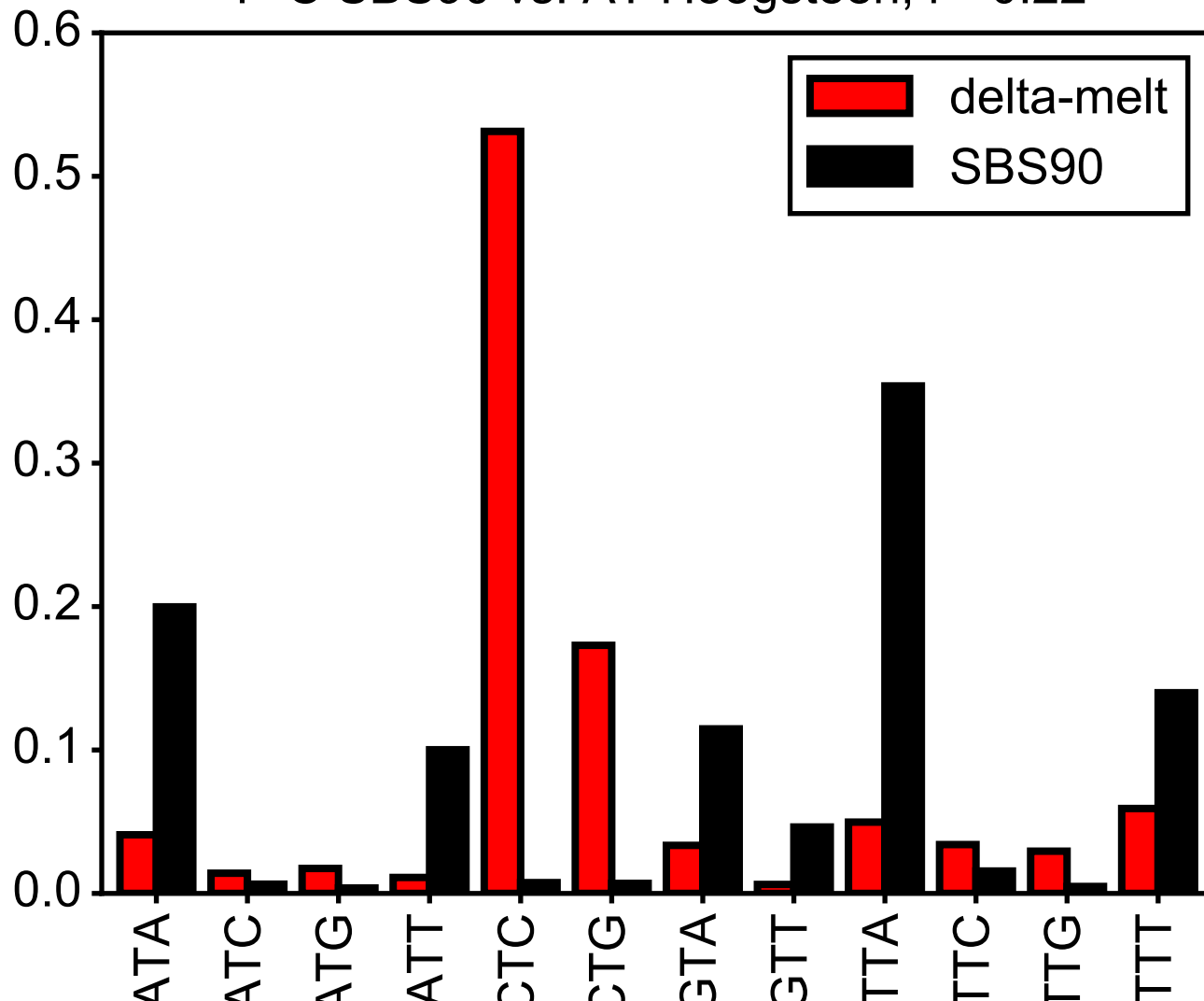
T>G SBS89 vs. AT Hoogsteen, $r=-0.08$



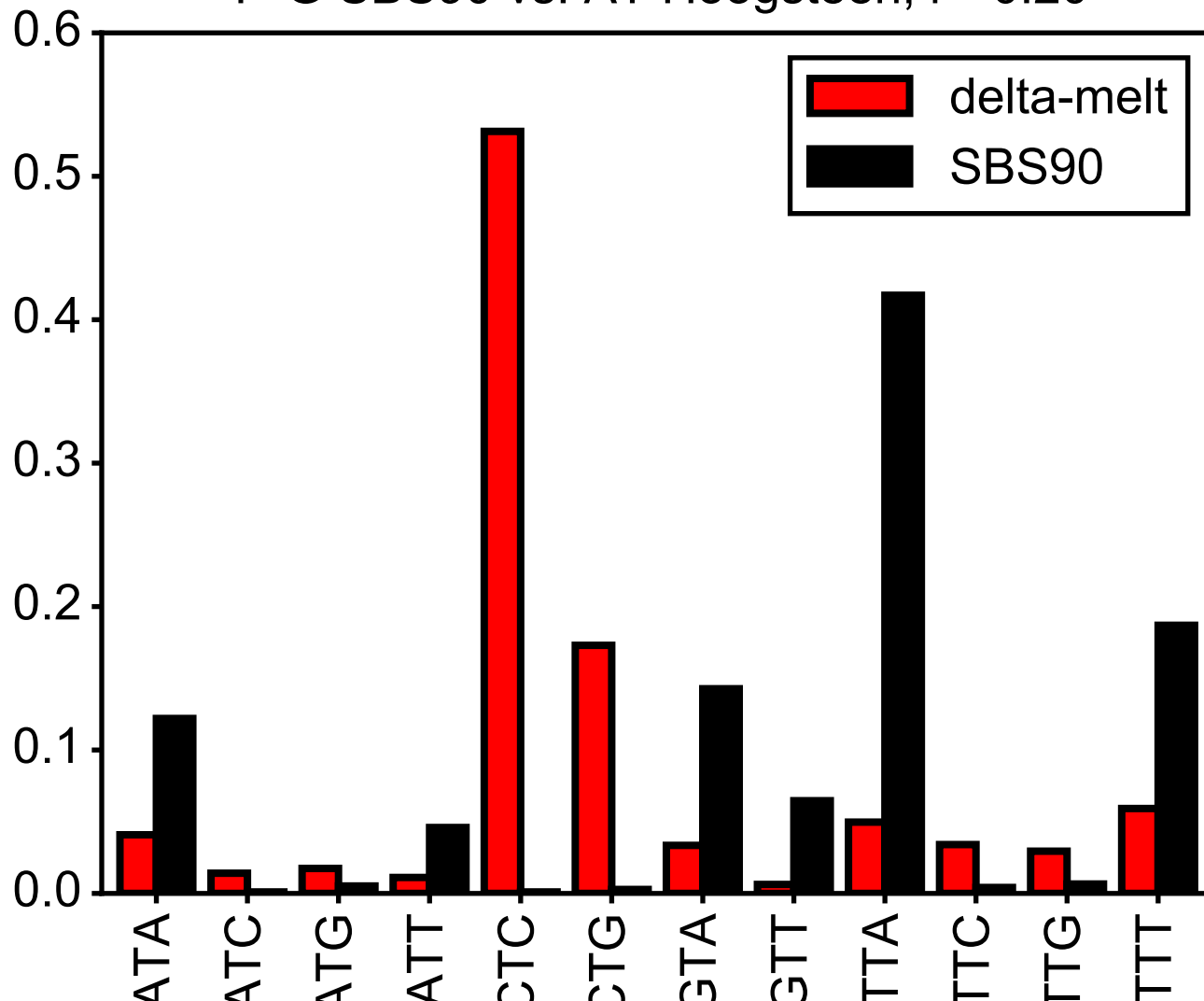
T>A SBS89 vs. AT Hoogsteen, $r=0.51$



T>C SBS90 vs. AT Hoogsteen, $r=-0.22$



T>G SBS90 vs. AT Hoogsteen, $r=-0.20$



T>A SBS90 vs. AT Hoogsteen, $r=-0.14$

