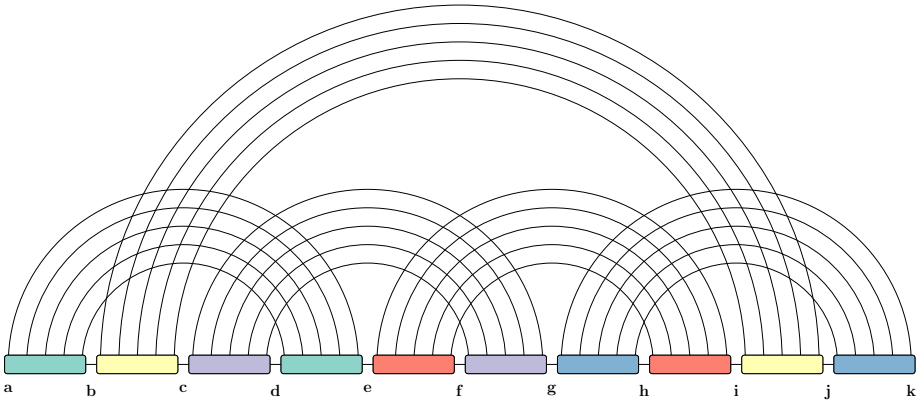
fatgraph name: C5



first and last anchors, already given: a, k

$$A = \min_{a,g,h,j,k} \Big(B\,[a,g,h,j] + C_{\boxtimes}\,[g,h-1,j,k-1] \Big)$$

$$B\,[a,g,h,j] = \min_{e,f,i} \Big(C_{\boxtimes}\,[e,f-1,h,i-1] + C\,[a,e|f,g,i,j] \Big)$$

$$C'\,[a,e|f,g,i,j] = \min \begin{cases} C'[a,e-1|f,g,i,j], & \text{if } e-1, \notin \{a,f,g,i,j\} \\ C\,[a+1,e-1|f,g,i,j] + \Delta G(a,e) & \text{if } \{a+1,e-1\} \cap \{f,g,i,j\} = \emptyset \end{cases}$$

$$C\,[a,e|f,g,i,j] = \min \begin{cases} C\,[a+1,e|f,g,i,j], & \text{if } a+1 \notin \{e,f,g,i,j\} \\ C'[a,e-1|f,g,i,j], & \text{if } e-1, \notin \{a,f,g,i,j\} \\ C\,[a+1,e-1|f,g,i,j] + \Delta G(a,e) & \text{if } \{a+1,e-1\} \cap \{f,g,i,j\} = \emptyset, \\ D'[a,e+1,f,g,i,j] \end{cases}$$

$$D\,[b,d,f,g,i,j] = \min_{c} \Big(C_{\boxtimes}\,[c,d-1,f,g-1] + C_{\boxtimes}\,[b,c-1,i,j-1] \Big)$$