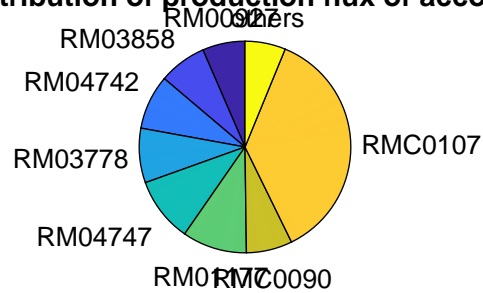


### Contribution of production flux of accoa[m]



RM00927: coa[m] + 2maacoa[m]  $\rightleftharpoons$  accoa[m] + ppcoa[m]  
 RM03858: coa[m] + 3otdcoa[m]  $\rightleftharpoons$  accoa[m] + ddcacoa[m]  
 RM04742: coa[m] + 3oddcoa[m]  $\rightleftharpoons$  accoa[m] + dcacoa[m]  
 RM03778: coa[m] + 3odcoa[m]  $\rightleftharpoons$  accoa[m] +occoa[m]  
 RM04747: coa[m] + 3ooco[m]  $\rightleftharpoons$  accoa[m] + hxcoa[m]  
 RM01177: coa[m] + 3ohcoa[m]  $\rightleftharpoons$  accoa[m] + btcoa[m]  
 RMC0090: 5 coa[m] + 5 nad[m] + 5 h<sub>2</sub>o[m] + 4 fad[m] + vaccco[m]  $\rightarrow$  5 accoa[m] + 5 nadh[m] + 5 h[m] + 4 fadh<sub>2</sub>[m] +occoa[m]  
 RMC0107: 3 coa[m] + 3 nad[m] + 3 h<sub>2</sub>o[m] + 3 fad[m] + fa17c9c[m]  $\rightarrow$  3 accoa[m] + 3 nadh[m] + 3 h[m] + 3 fadh<sub>2</sub>[m] + fa11c3coa[m]  
 others: