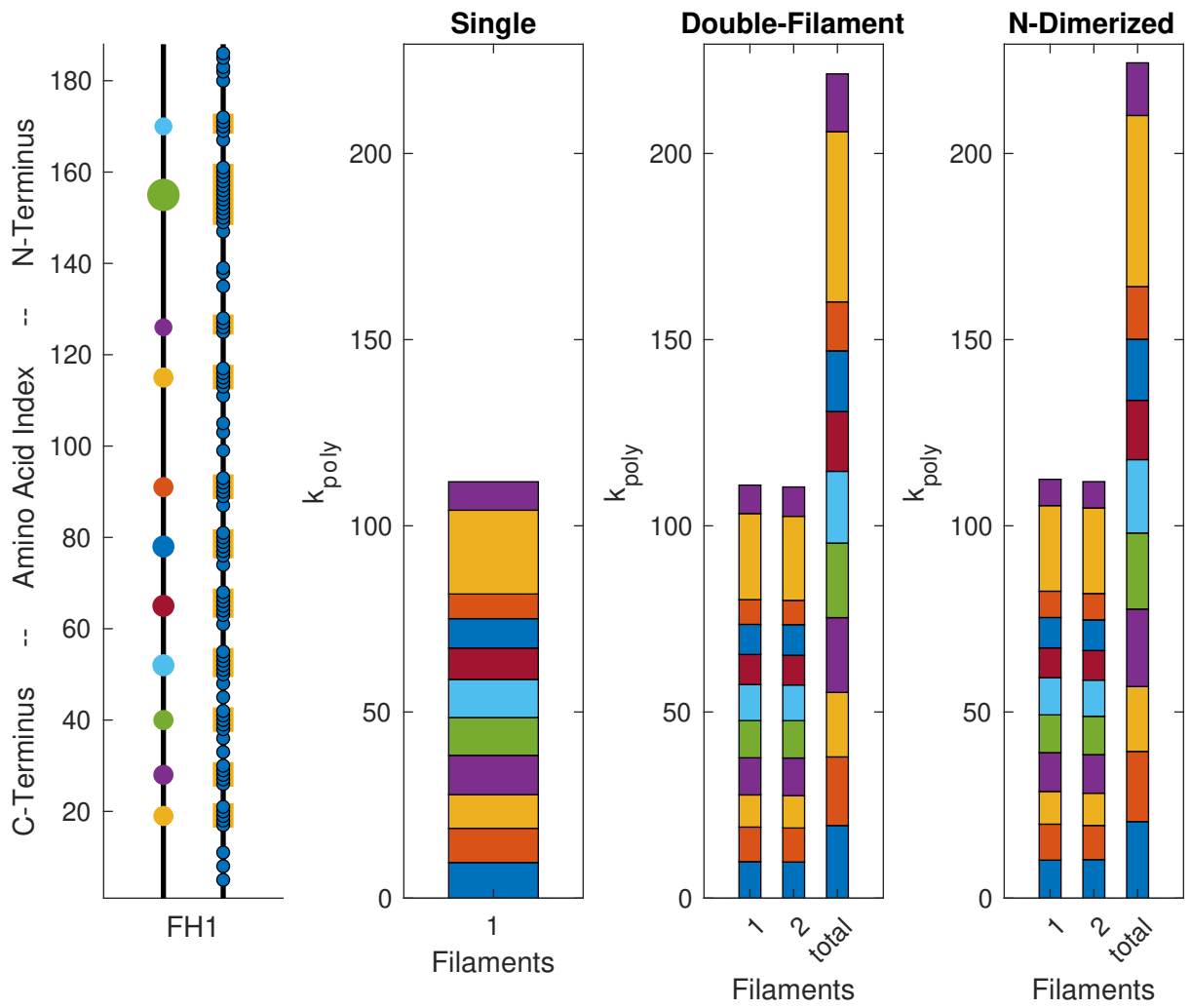
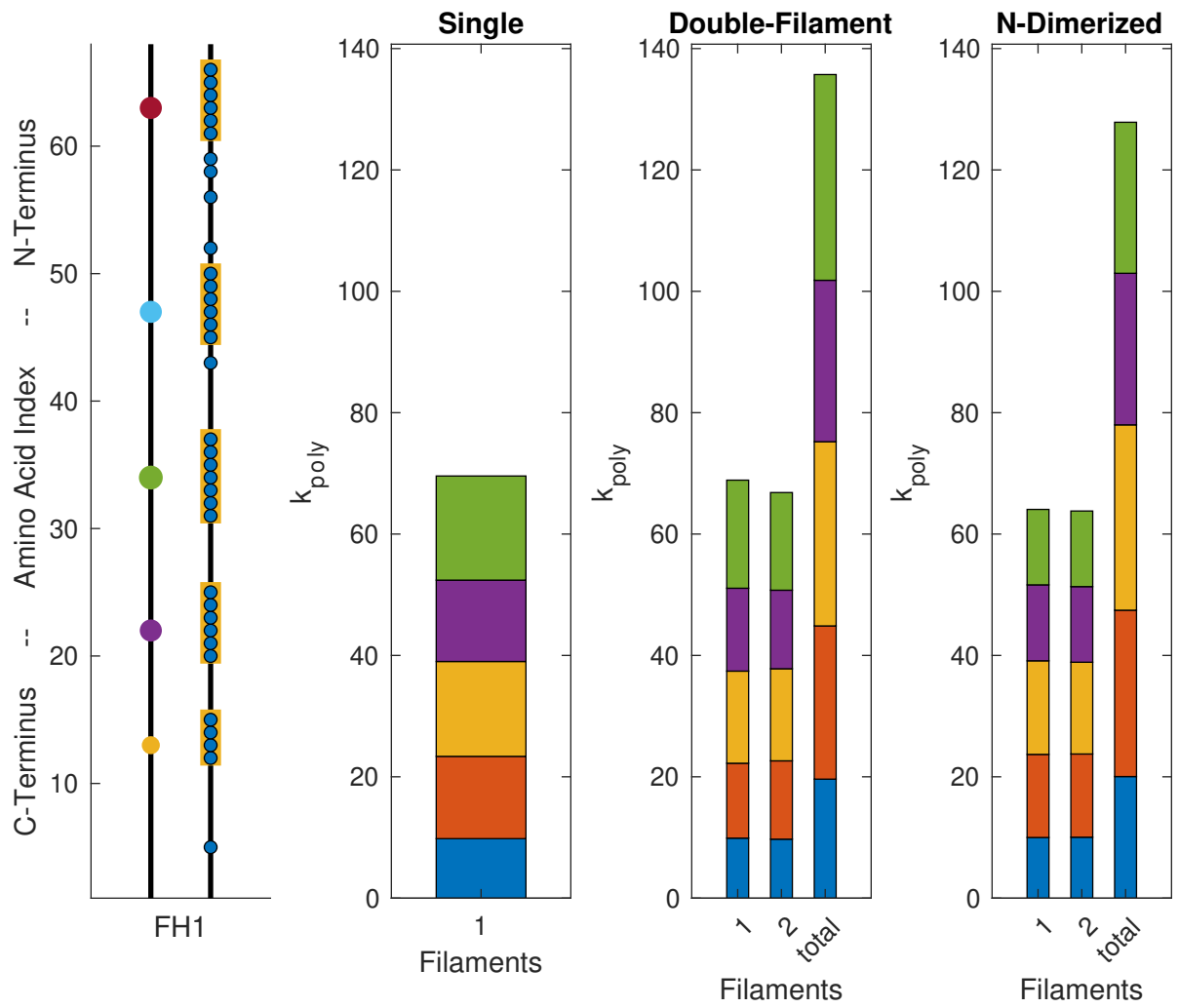


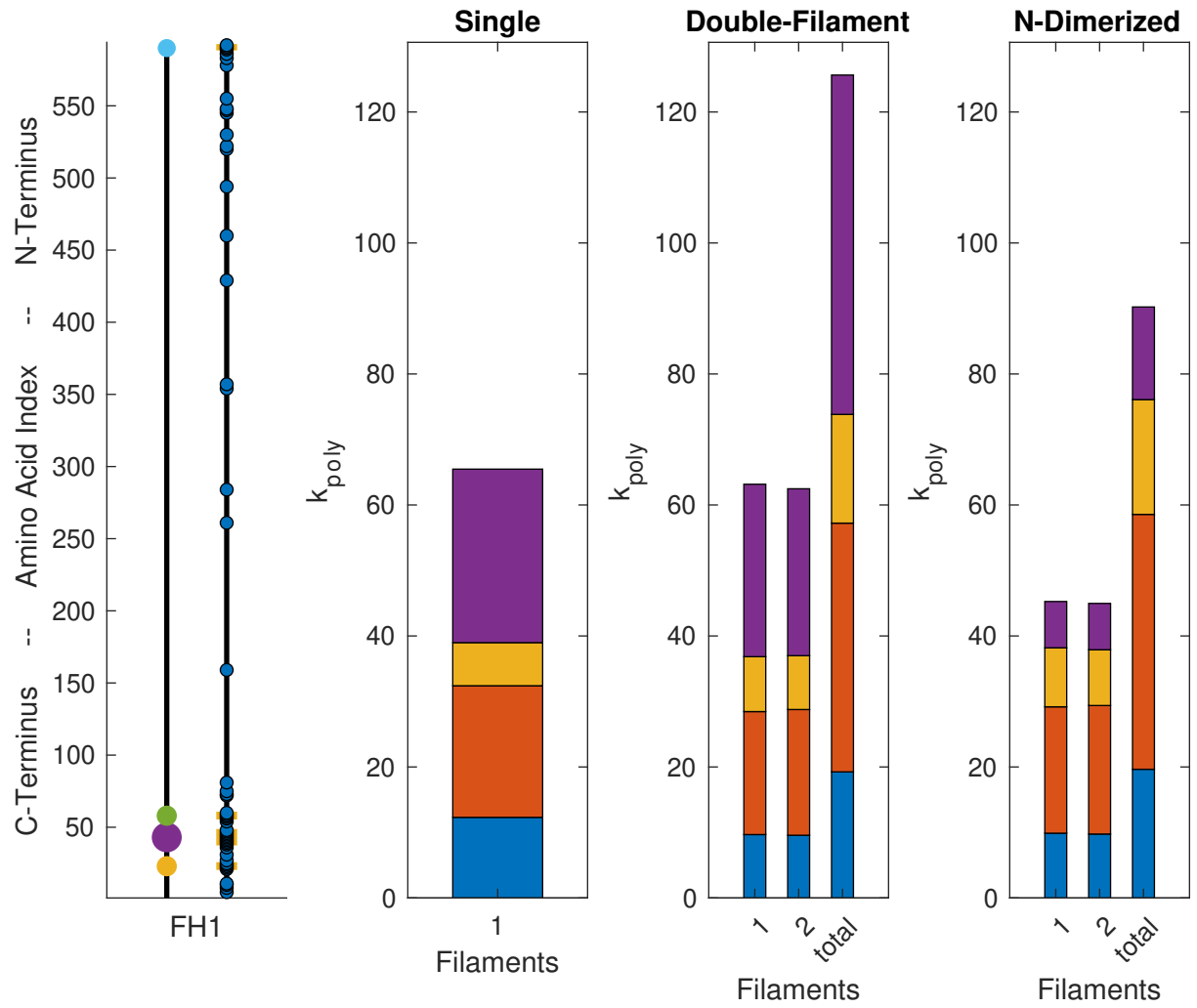
# Diap1--Human



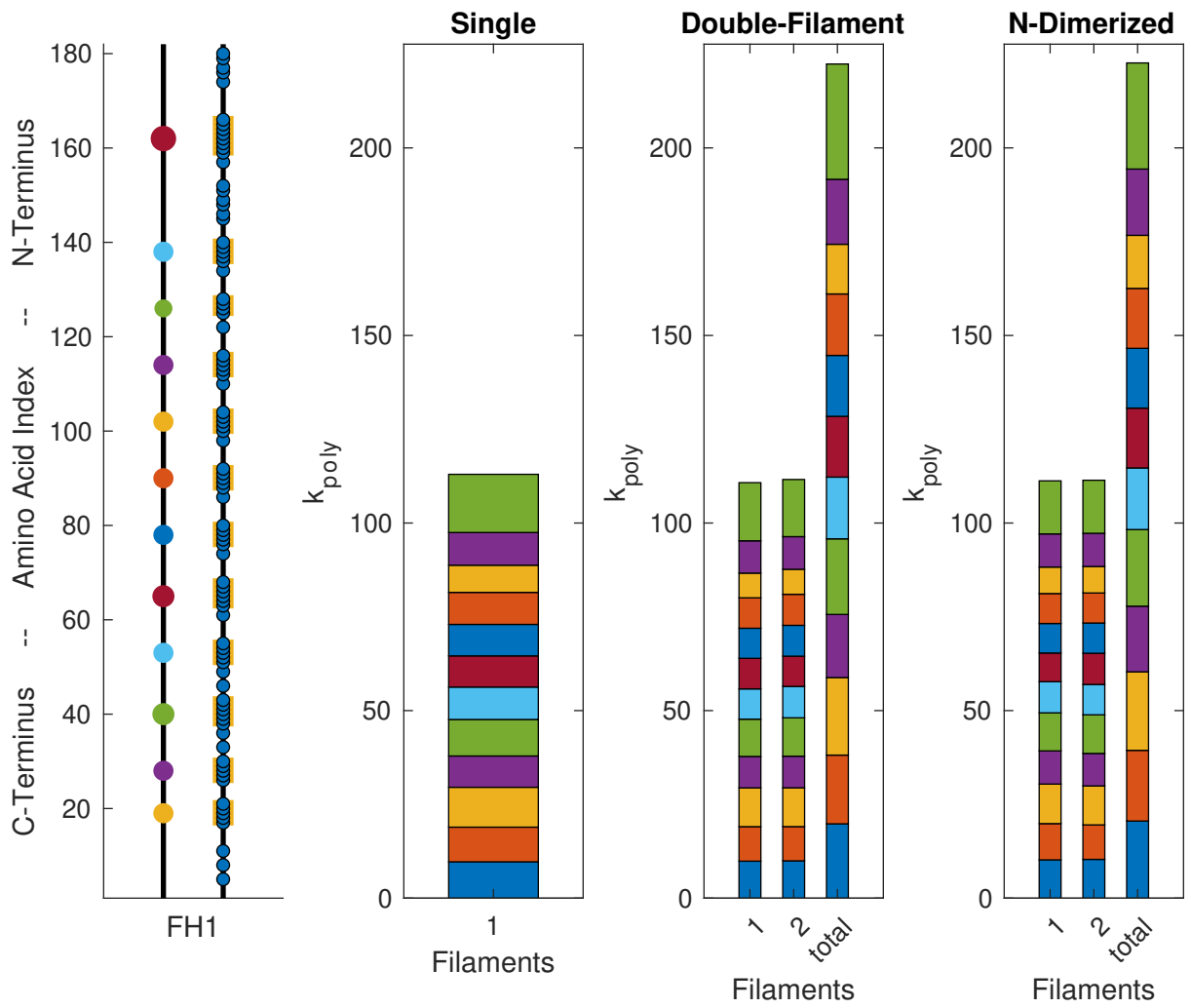
## Diap2--Human



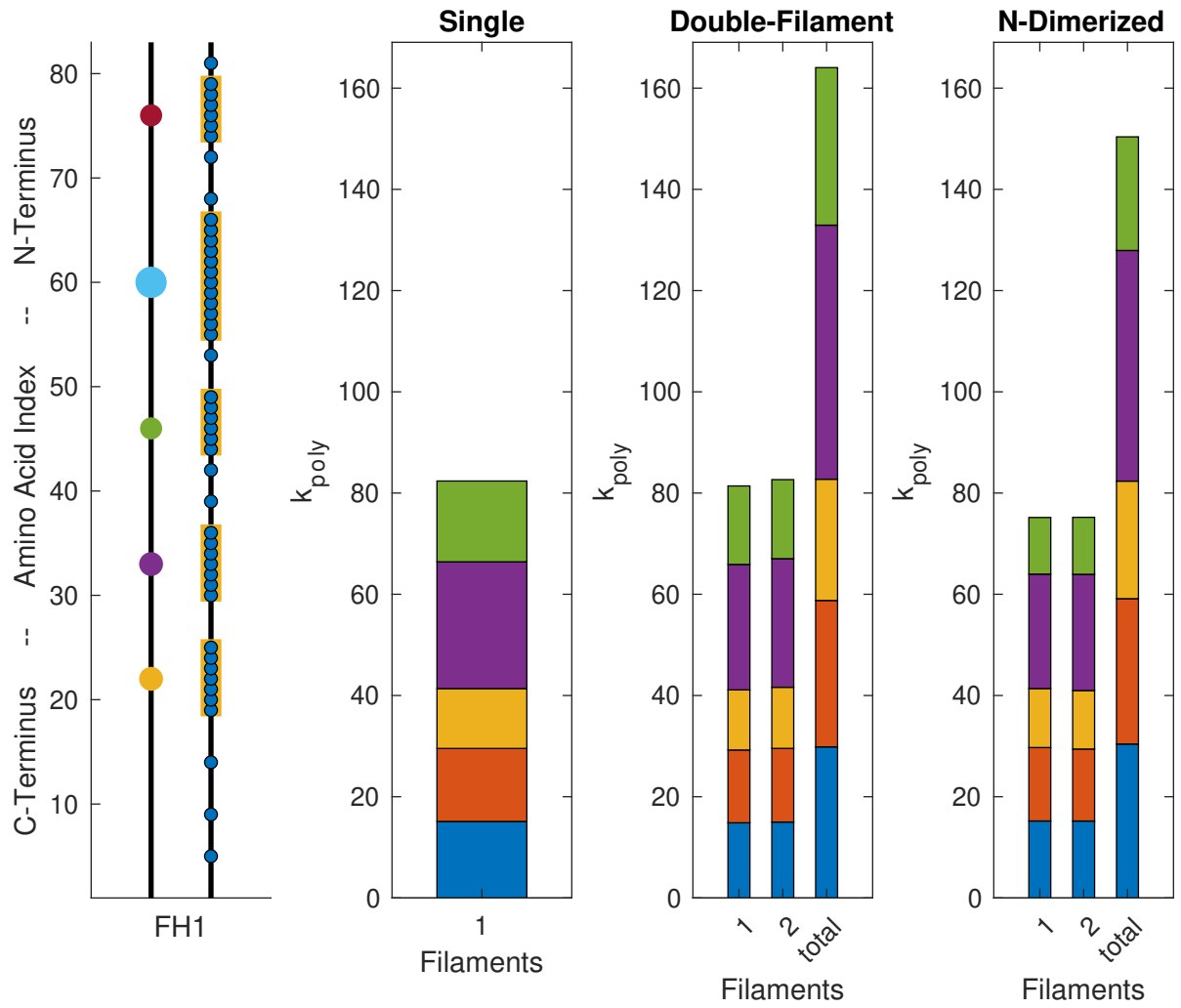
## Diap3--Human



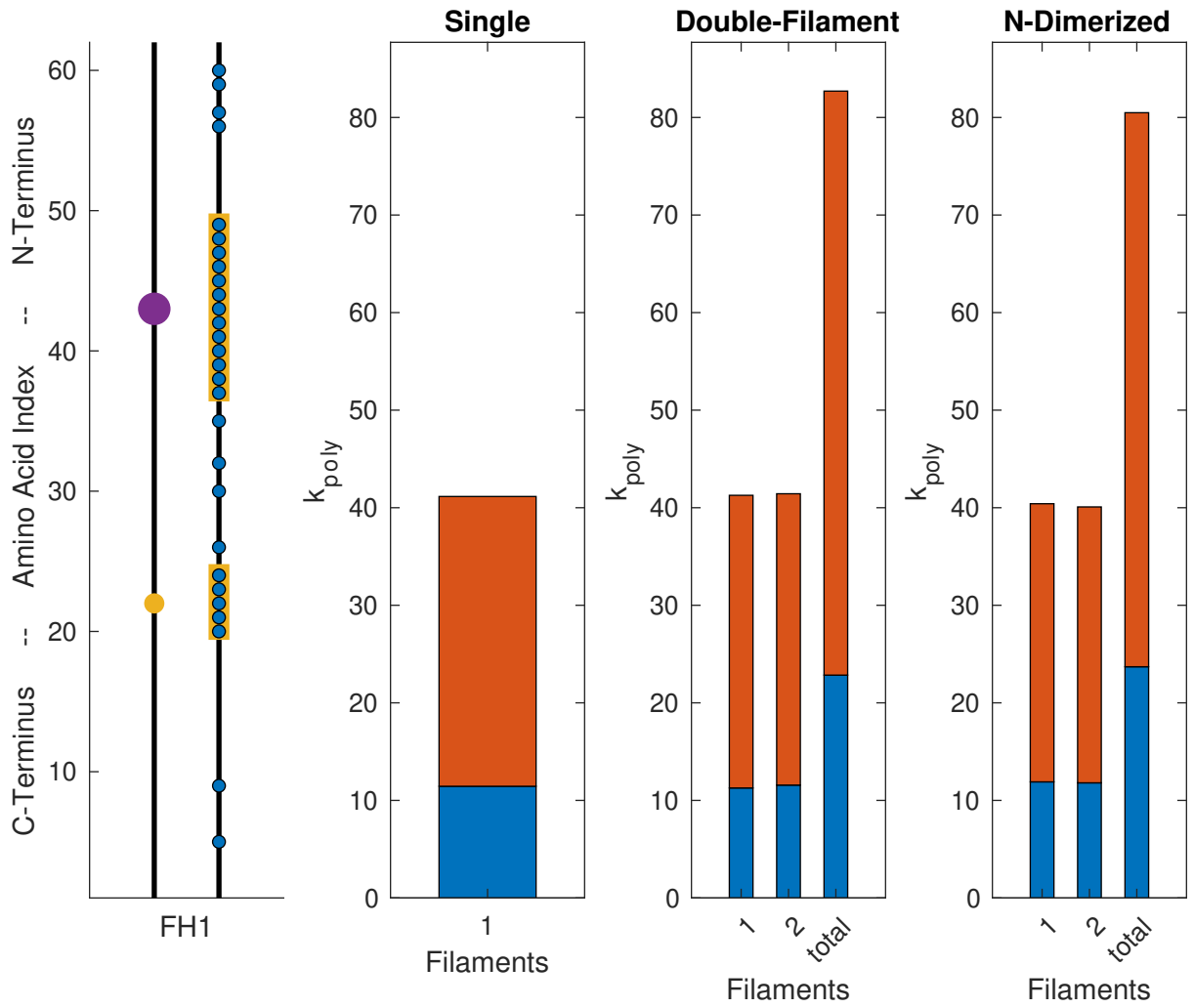
## Diap1--Mouse



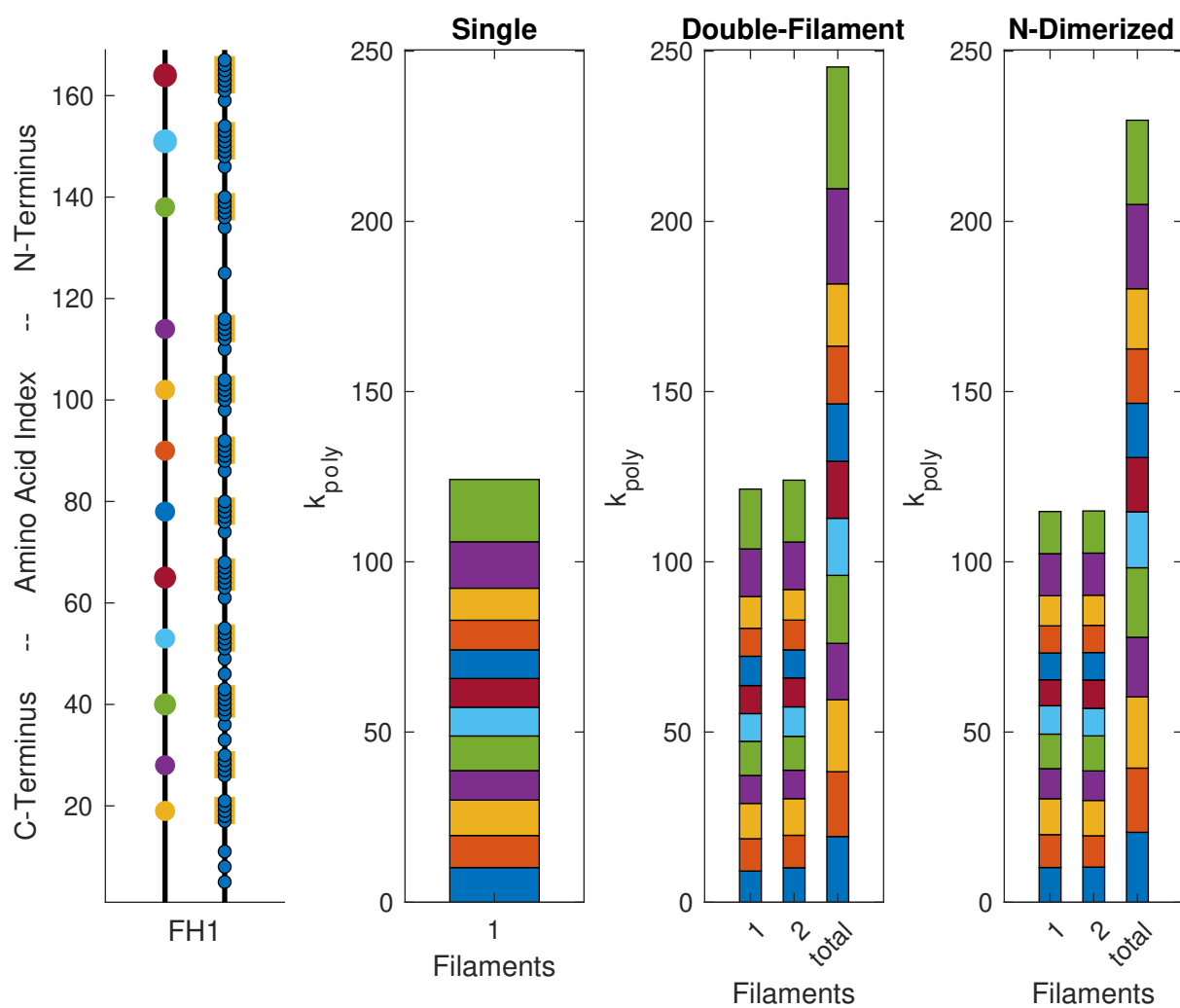
## Diap2--Mouse



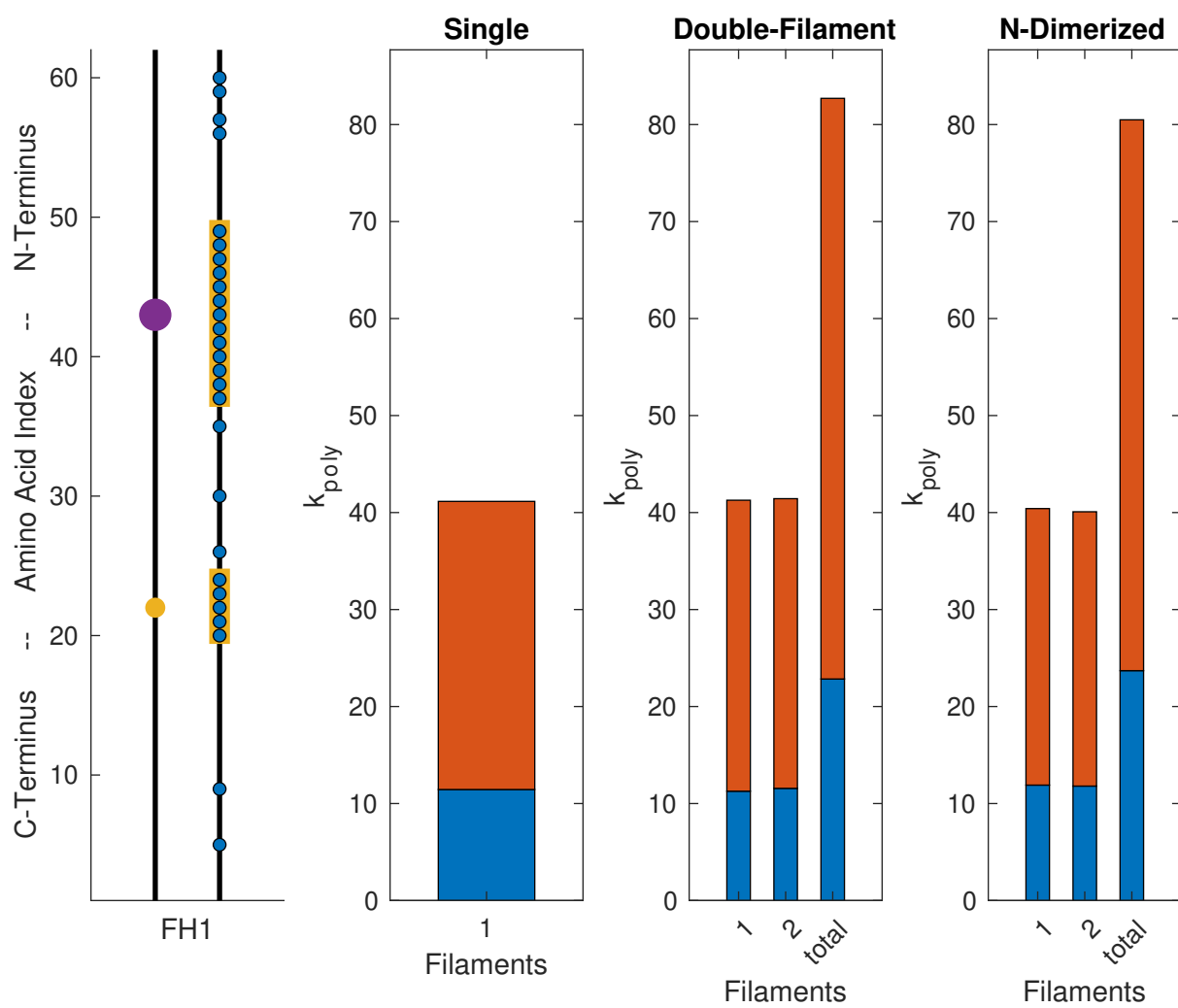
# Diap3--Mouse



# Diap1--Rat

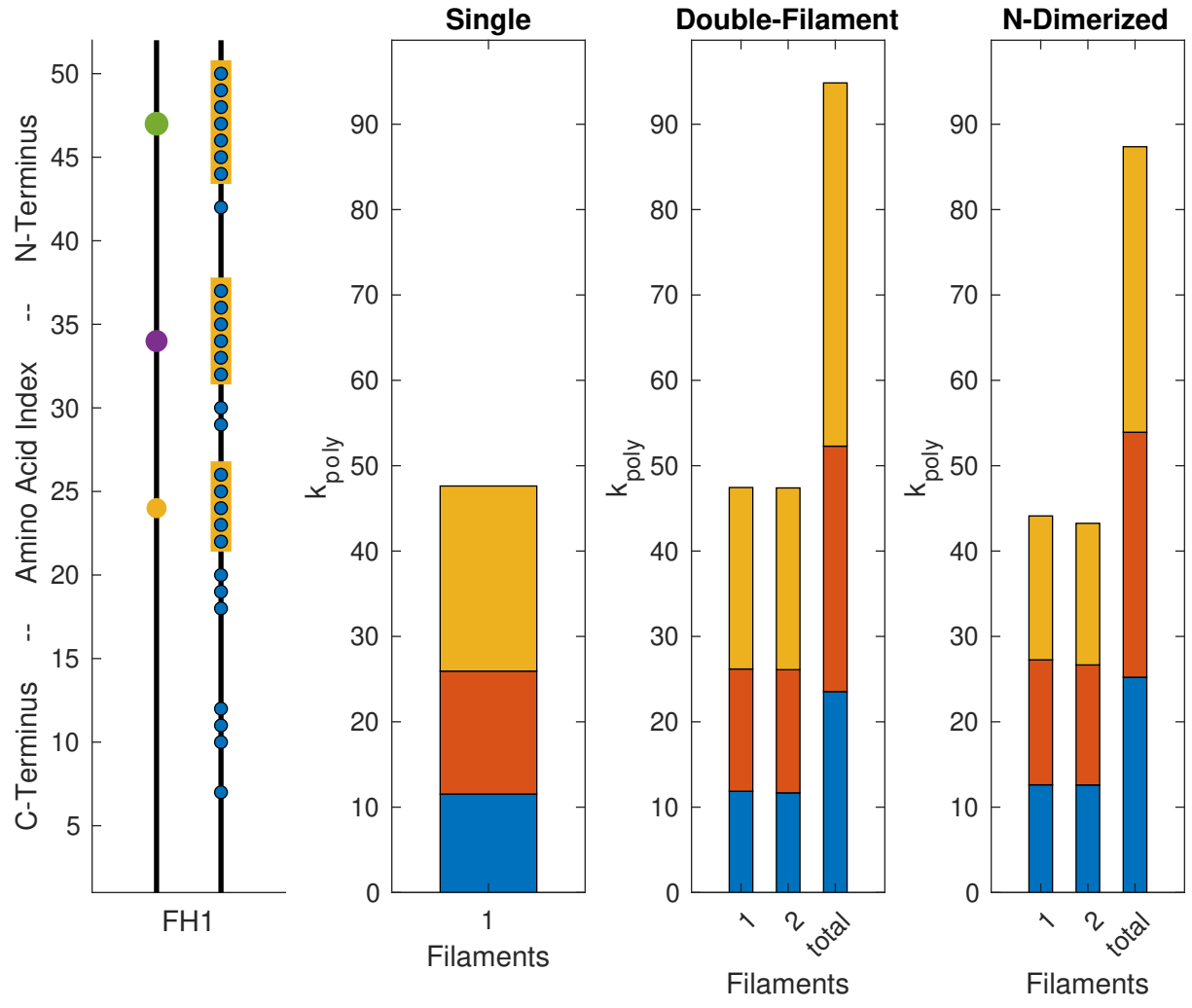


# Diap3--Rat

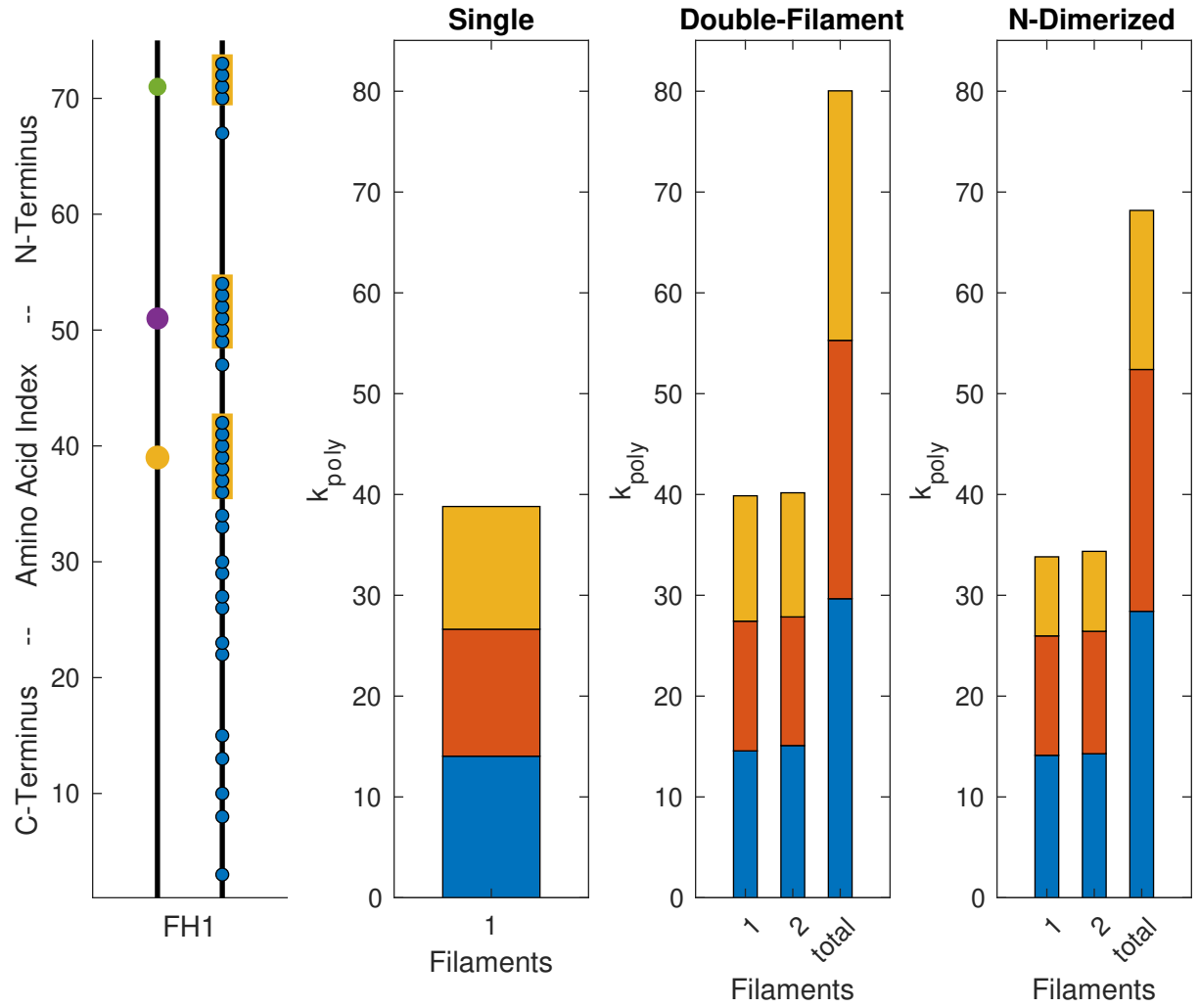




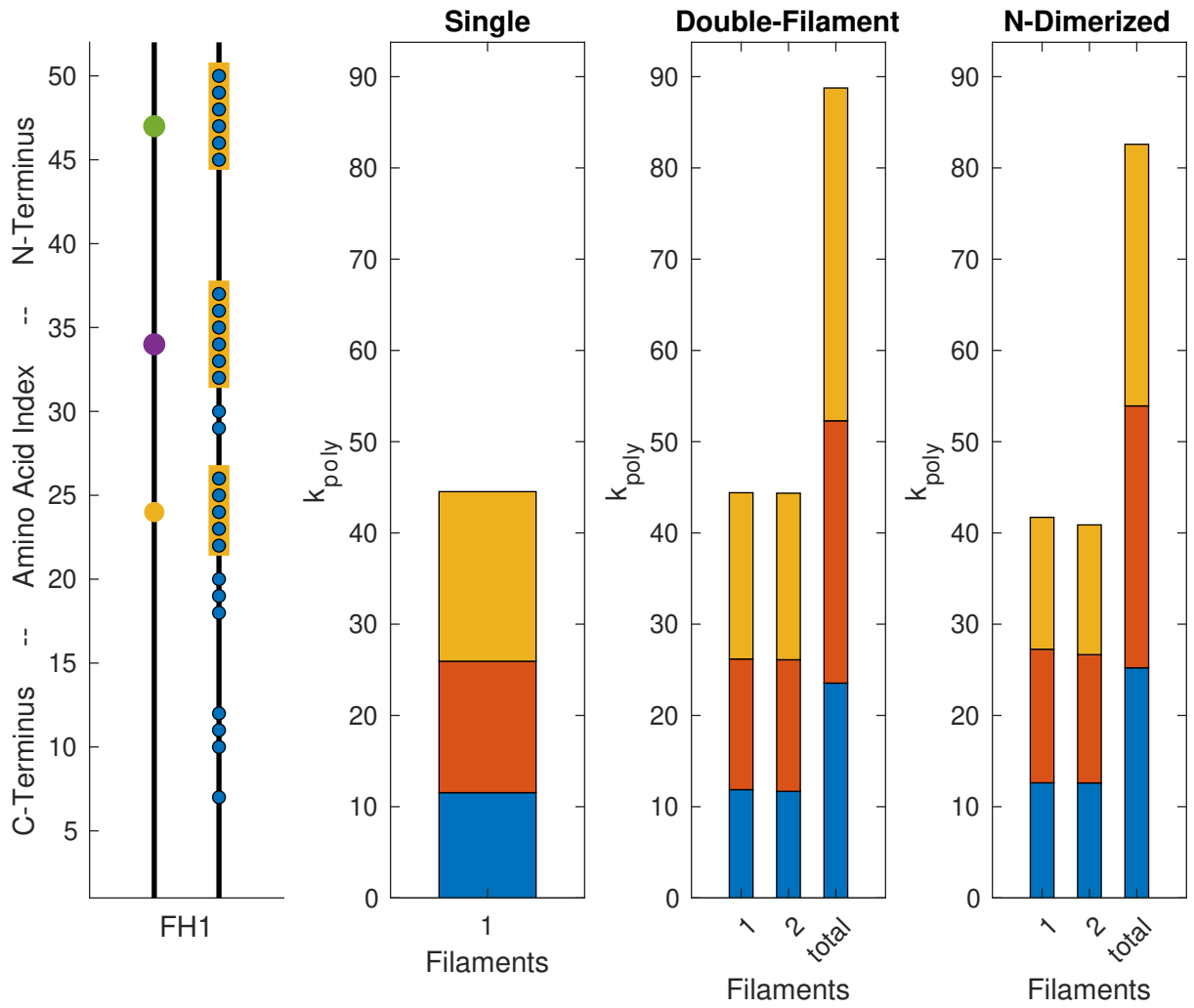
DAAM1--Human



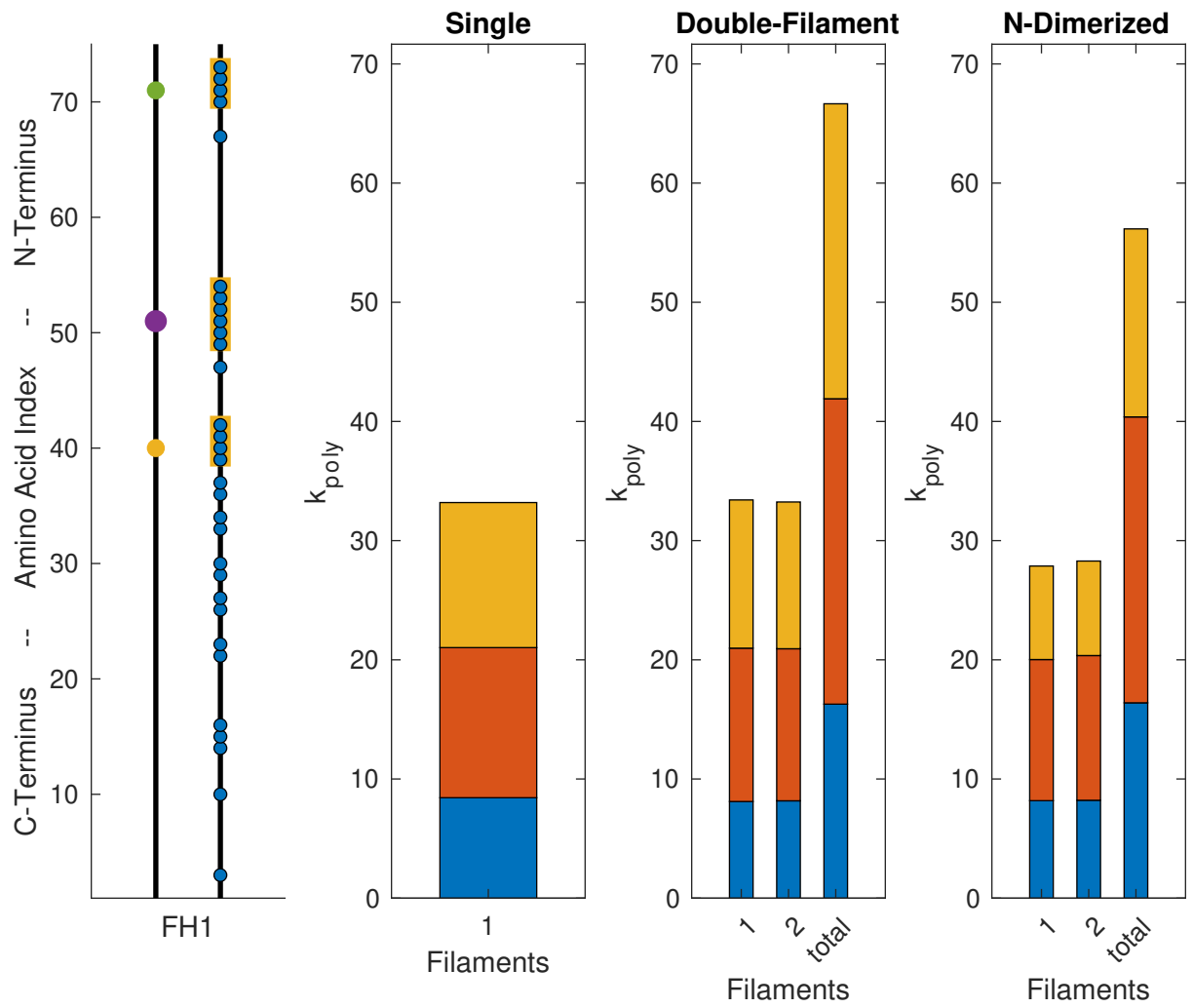
DAAM2--Human



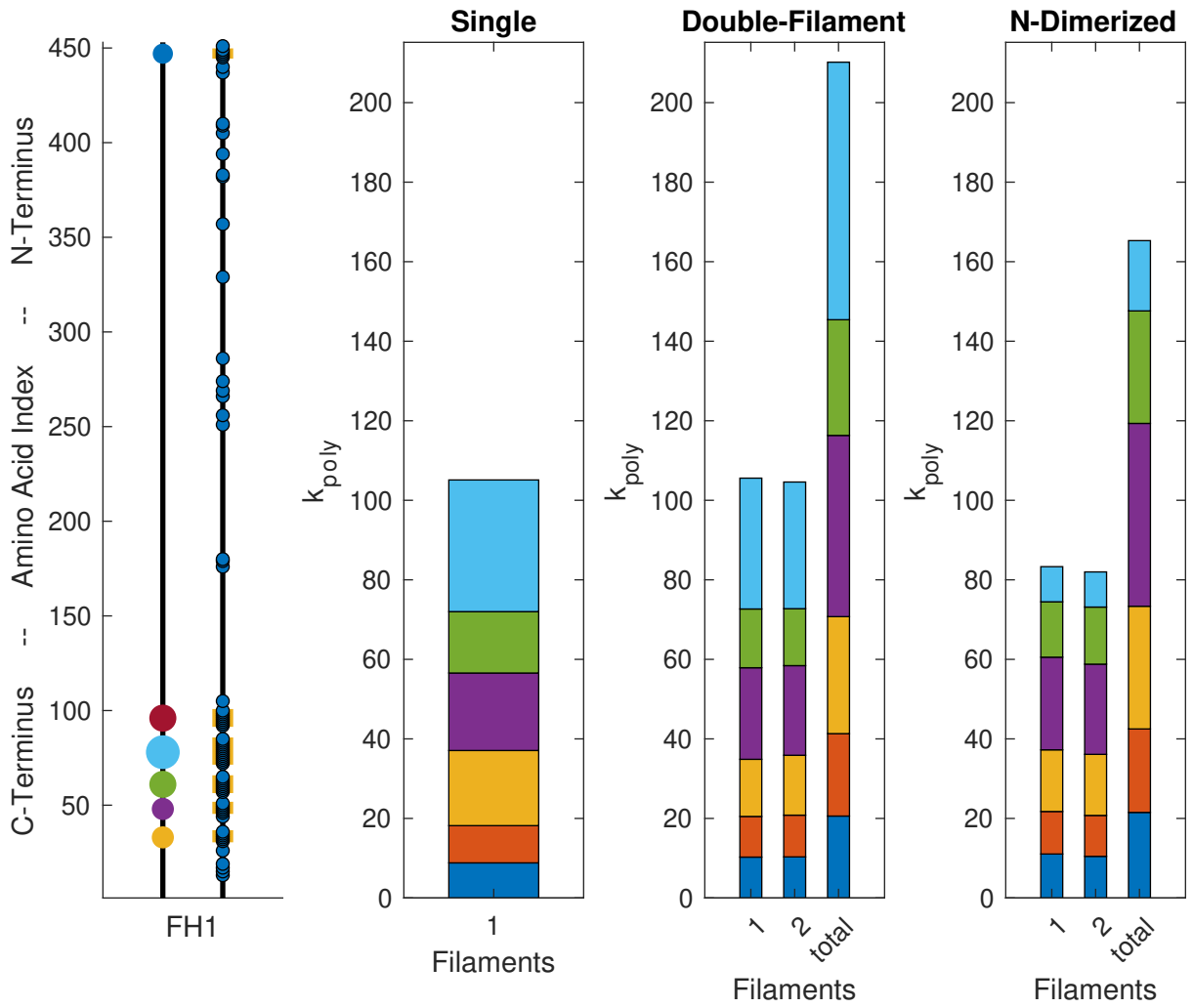
## DAAM1--Mouse



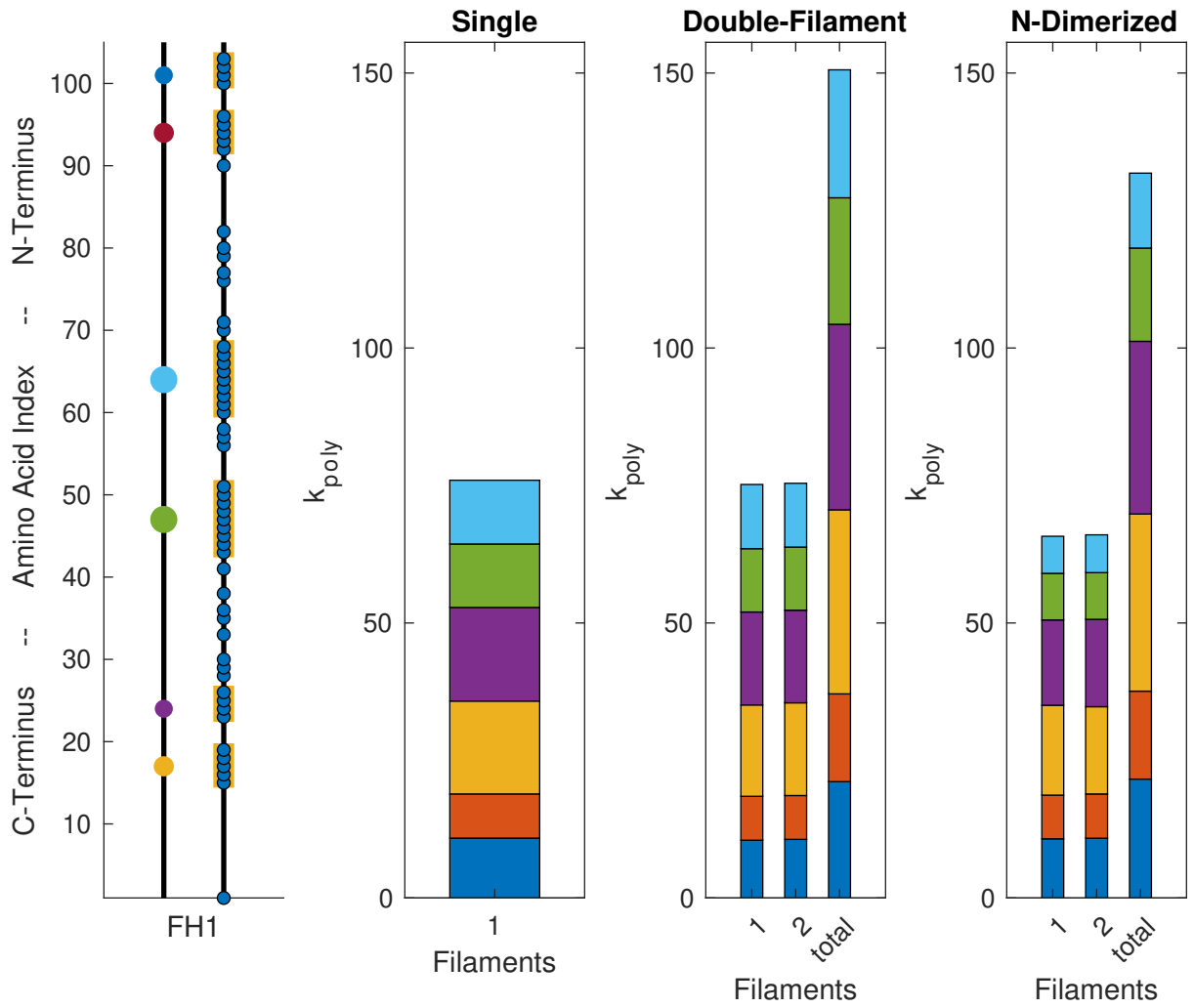
## DAAM2--Mouse



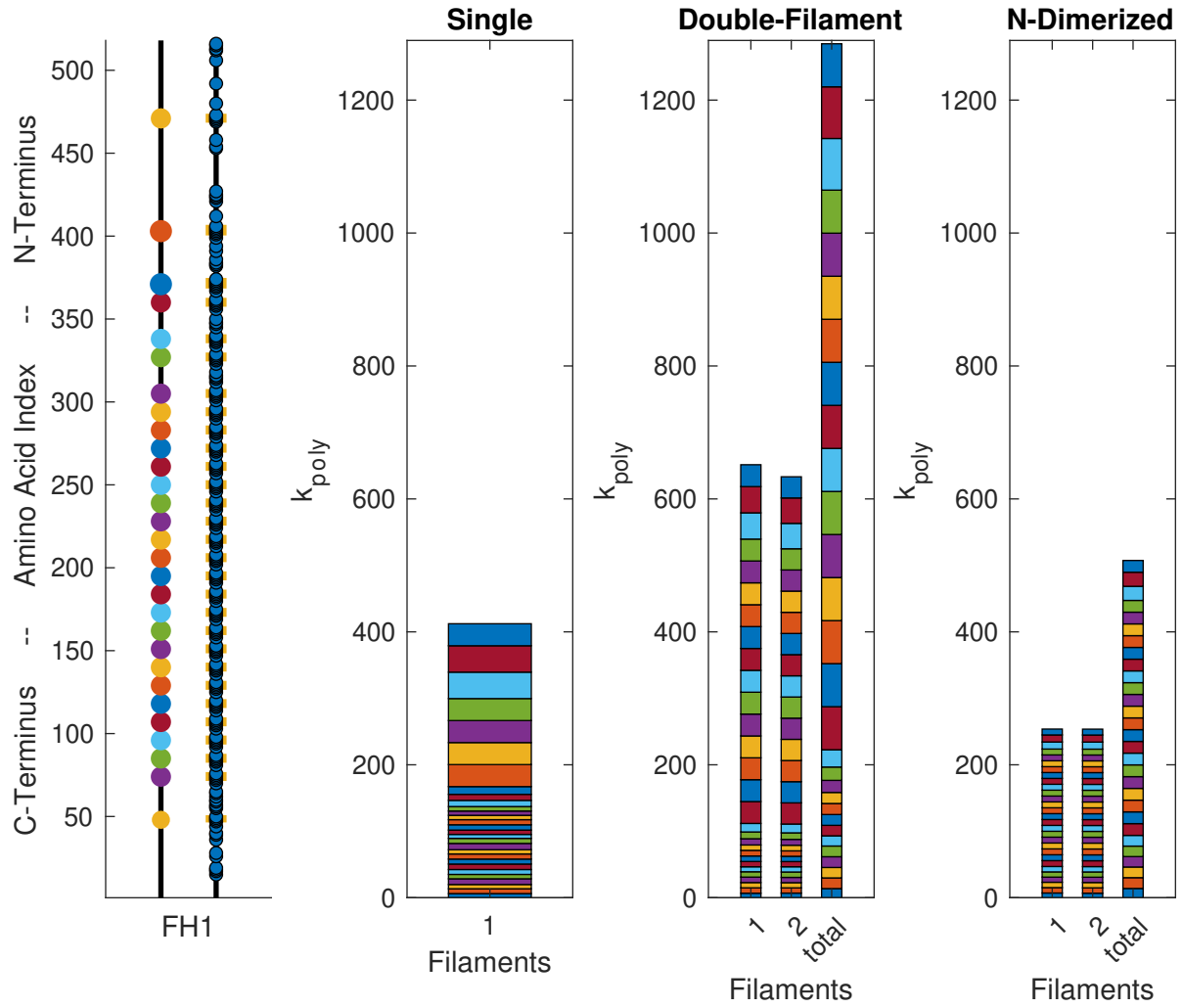
# CAPU--FruitFly



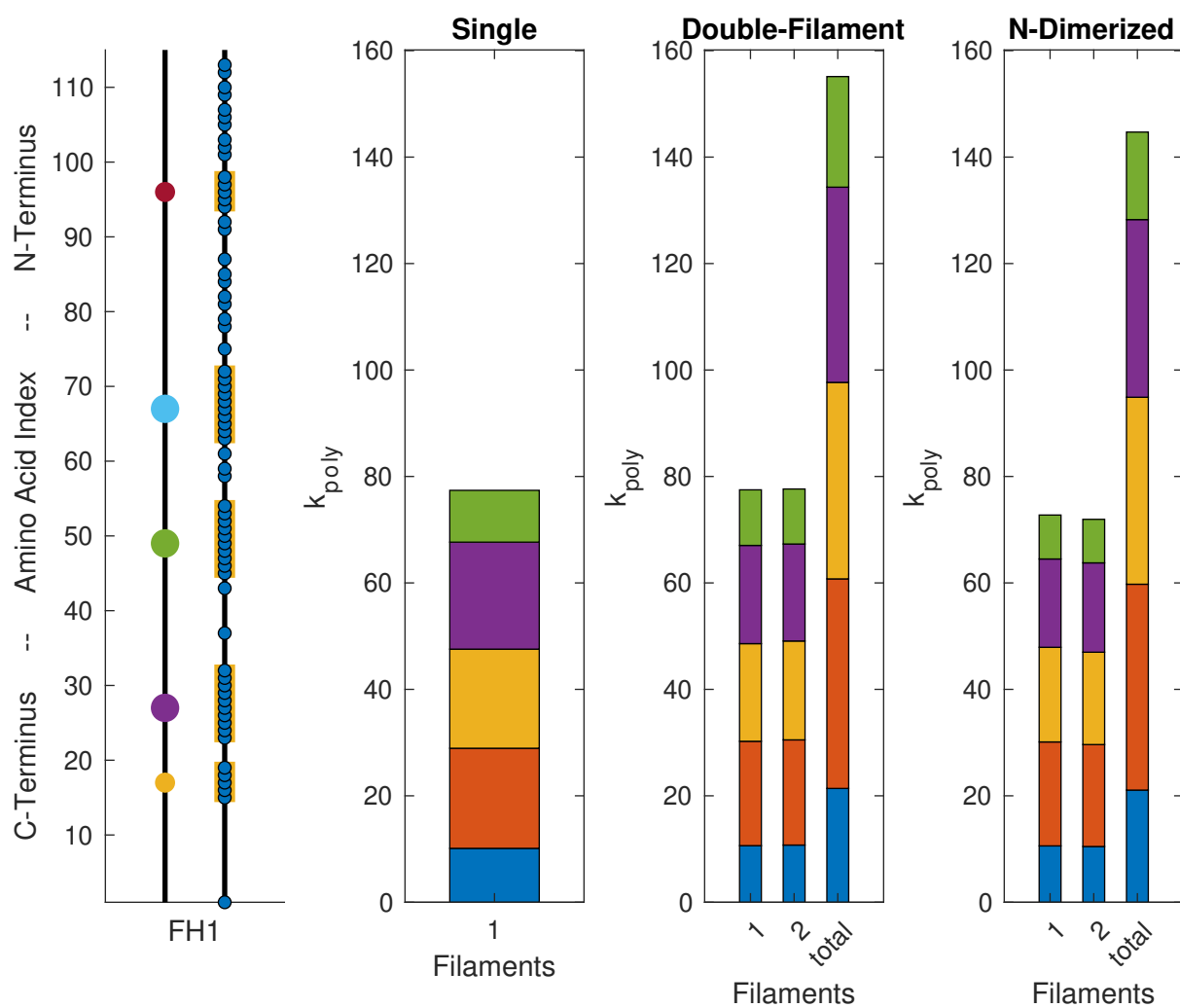
# FMN1--Human



FMN2--Human

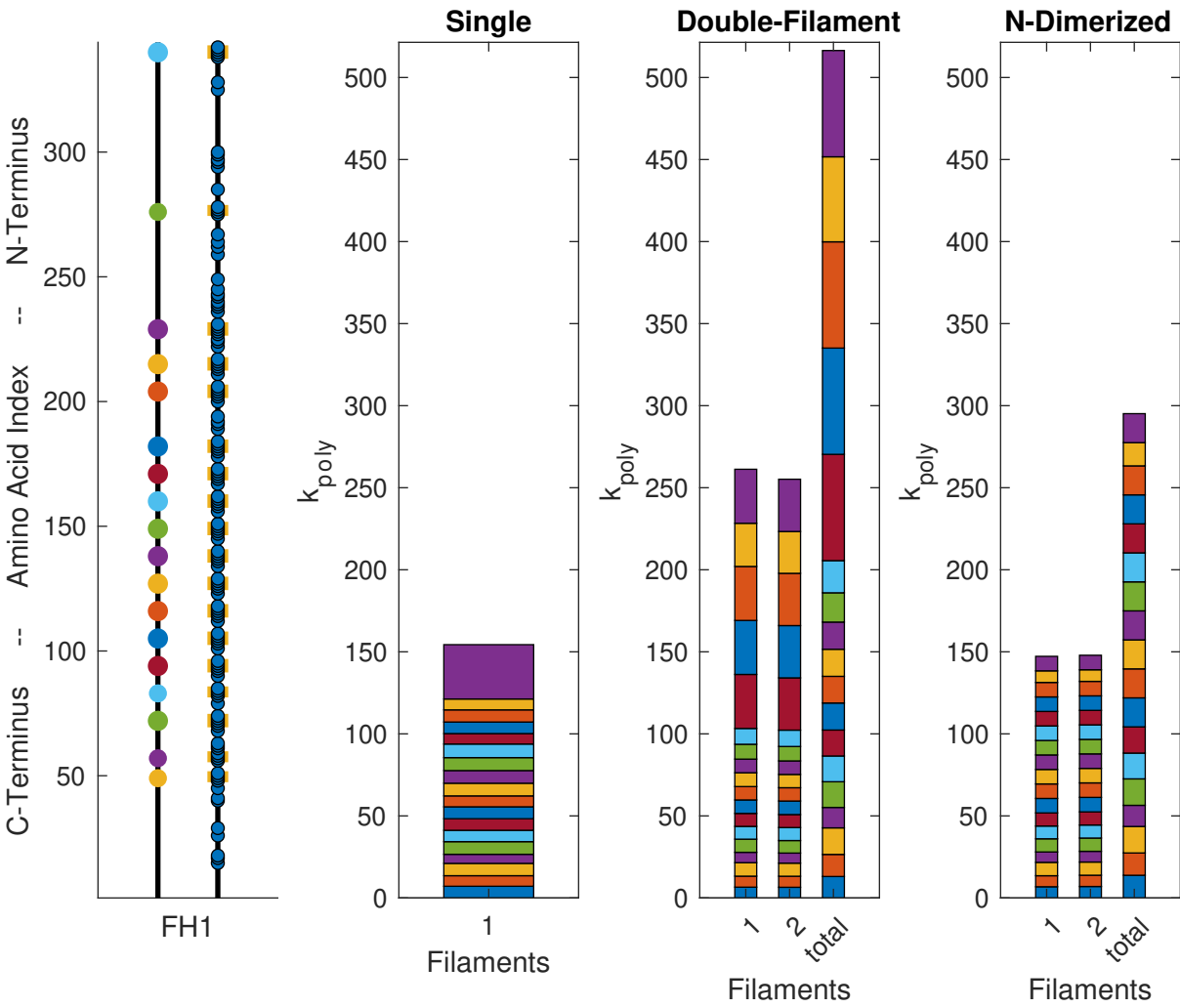


# FMN1--Mouse

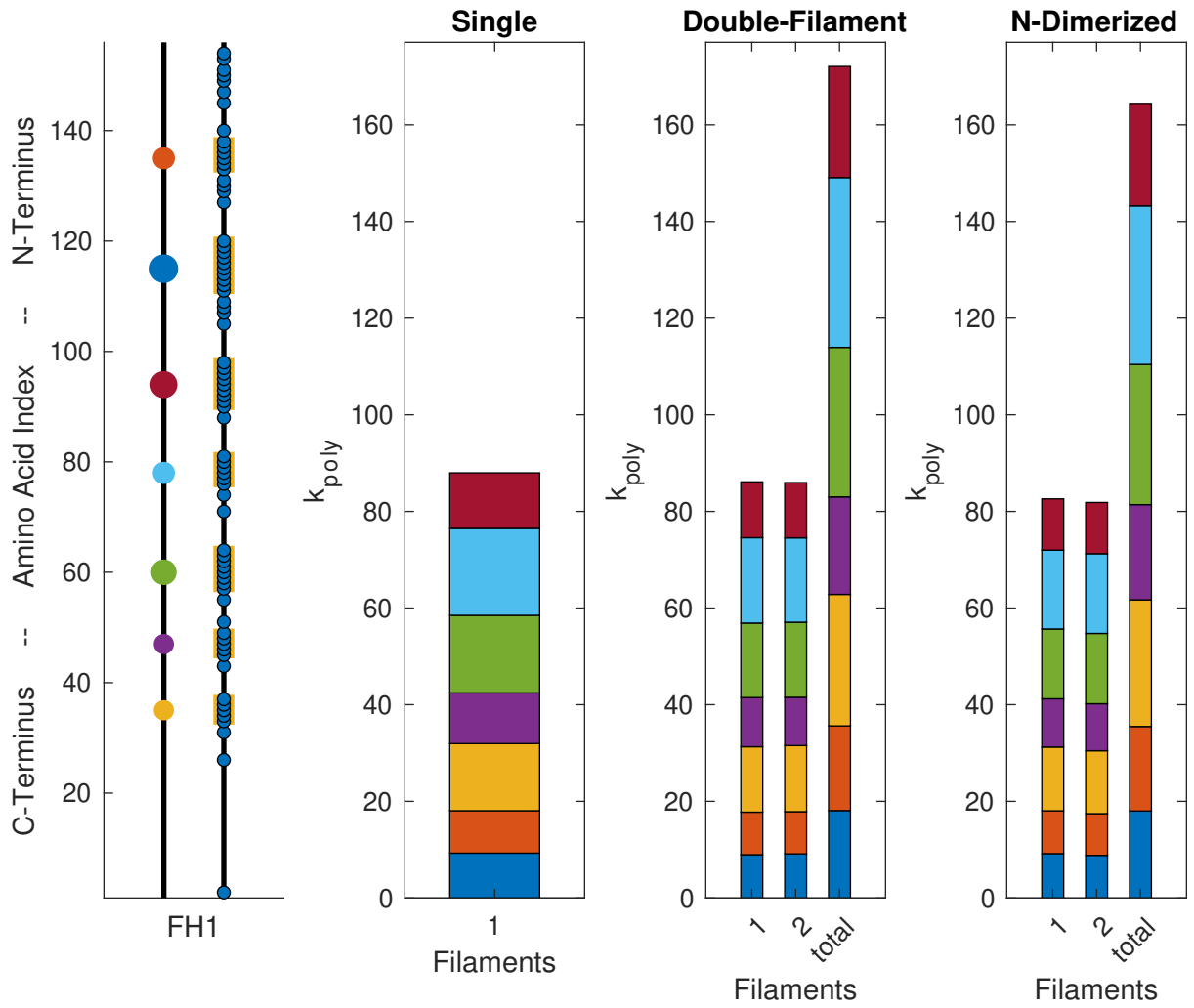




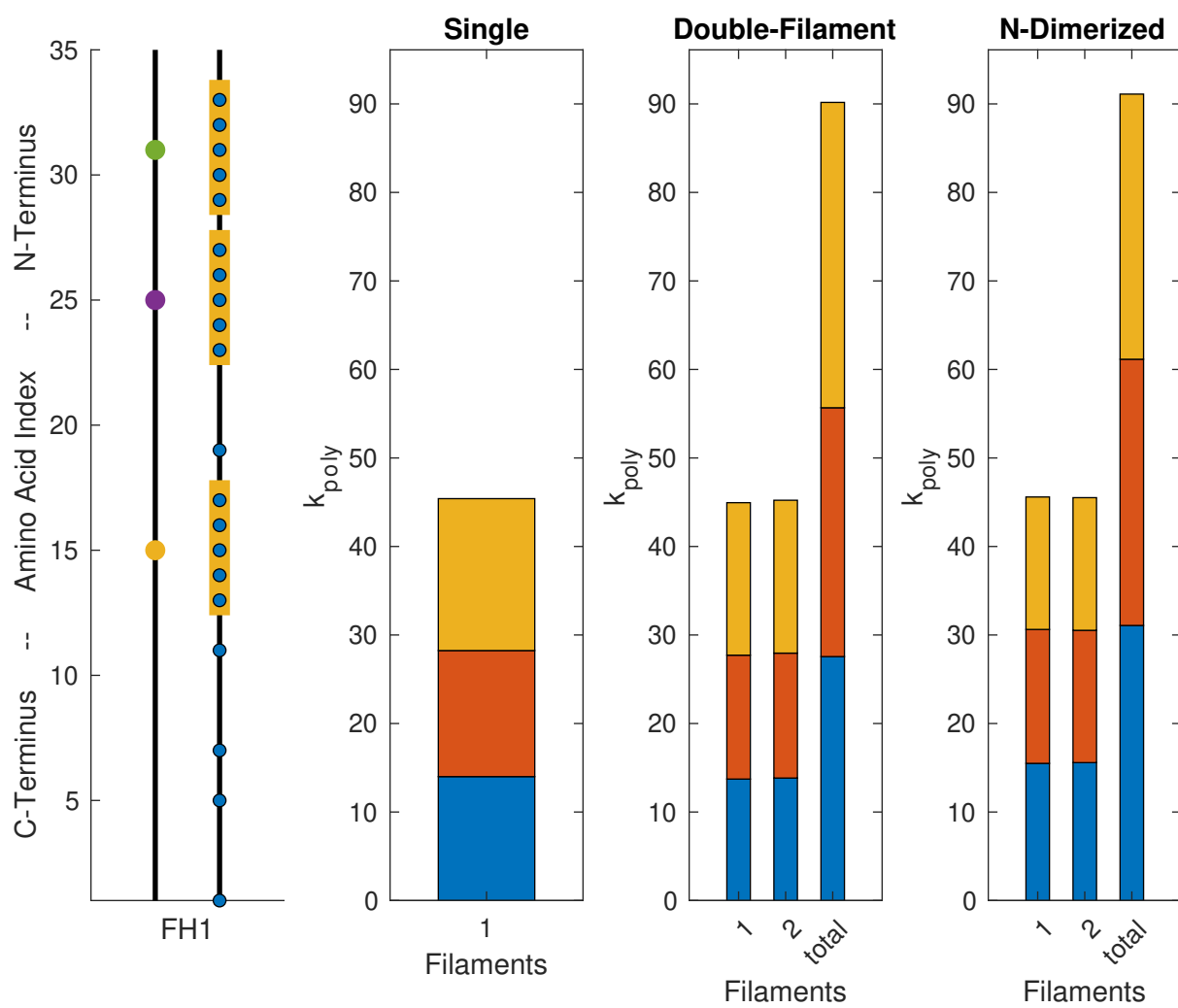
# FMN2--Mouse



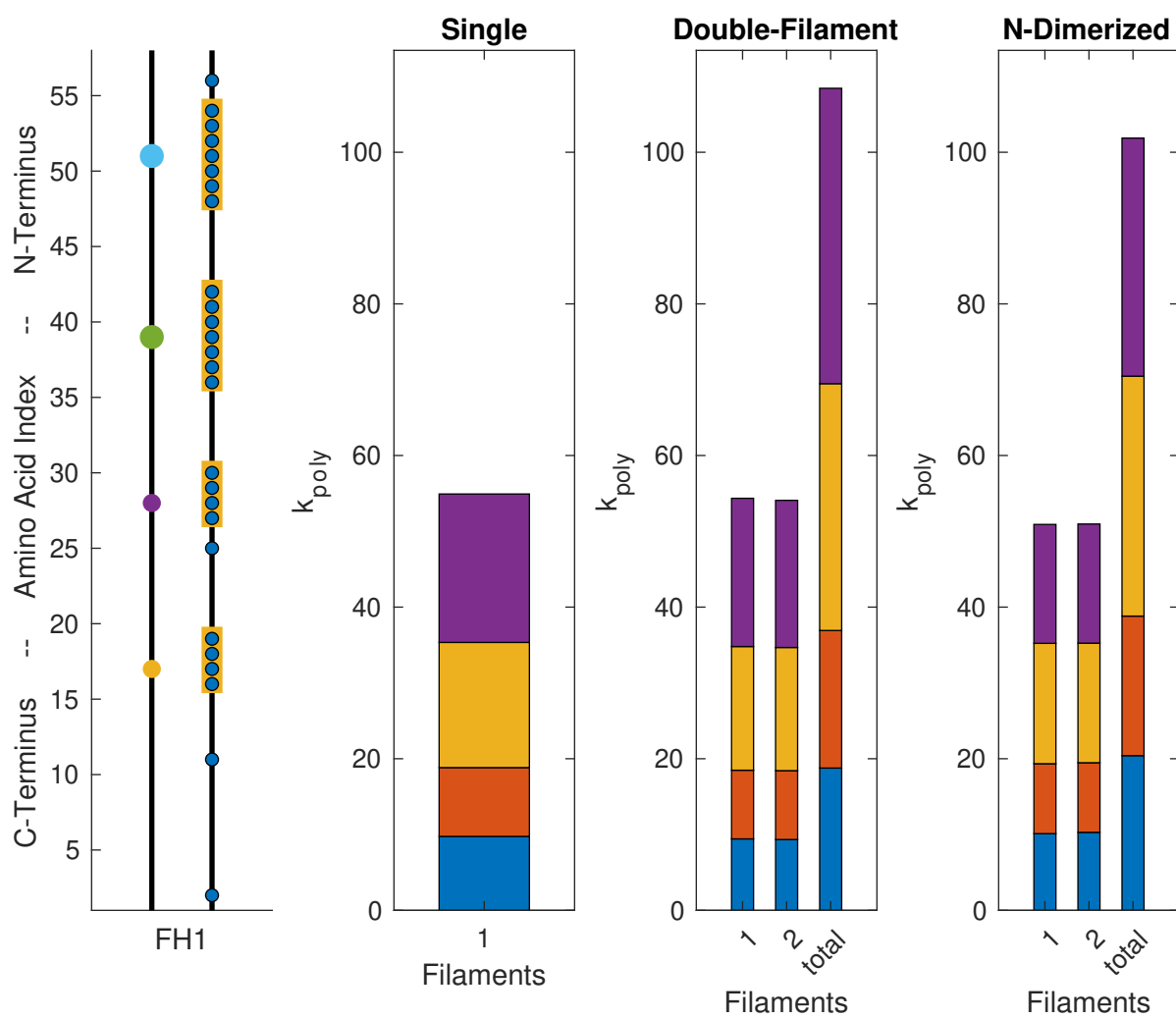
# INF2--Mouse



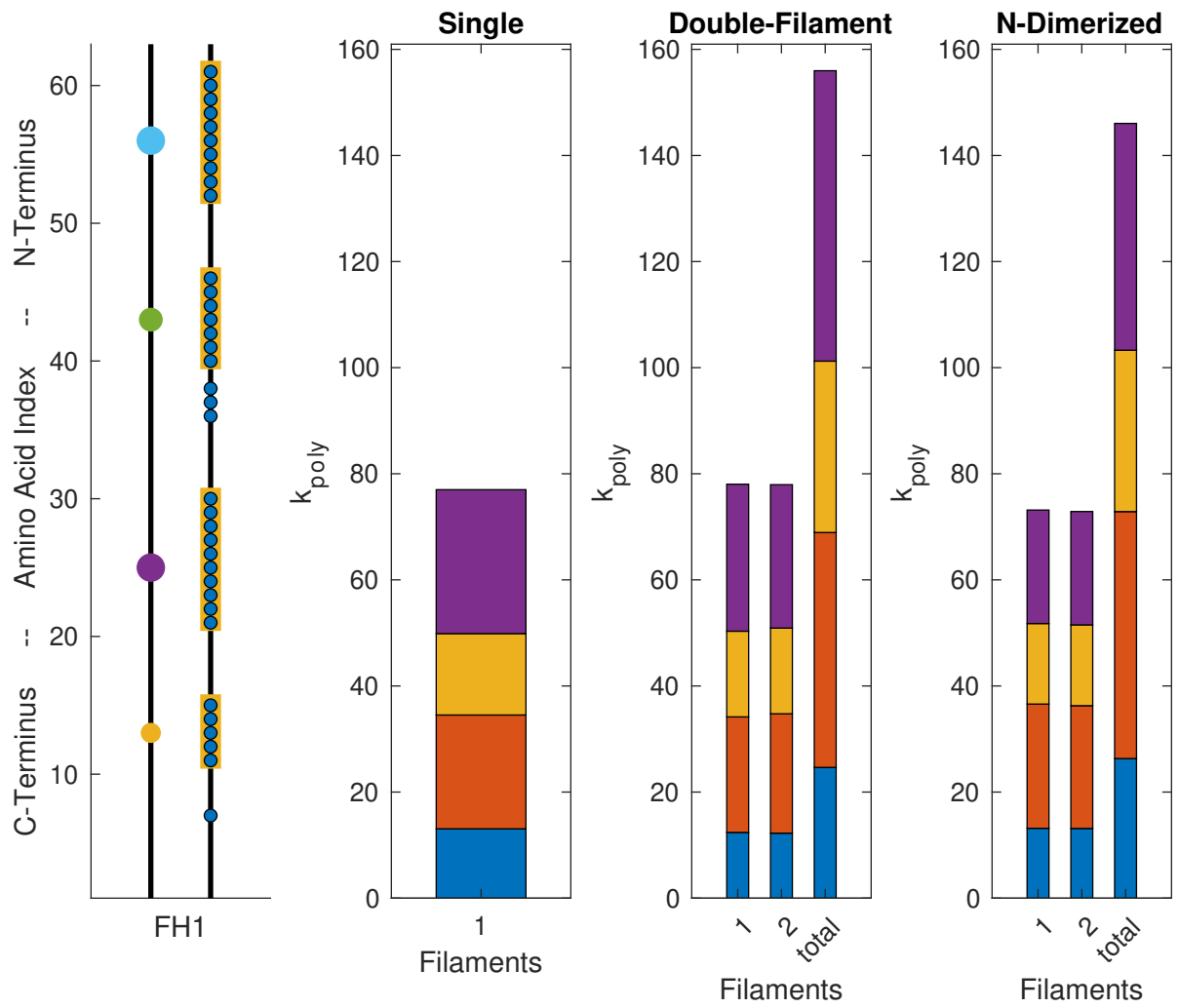
# FHOD1--Human



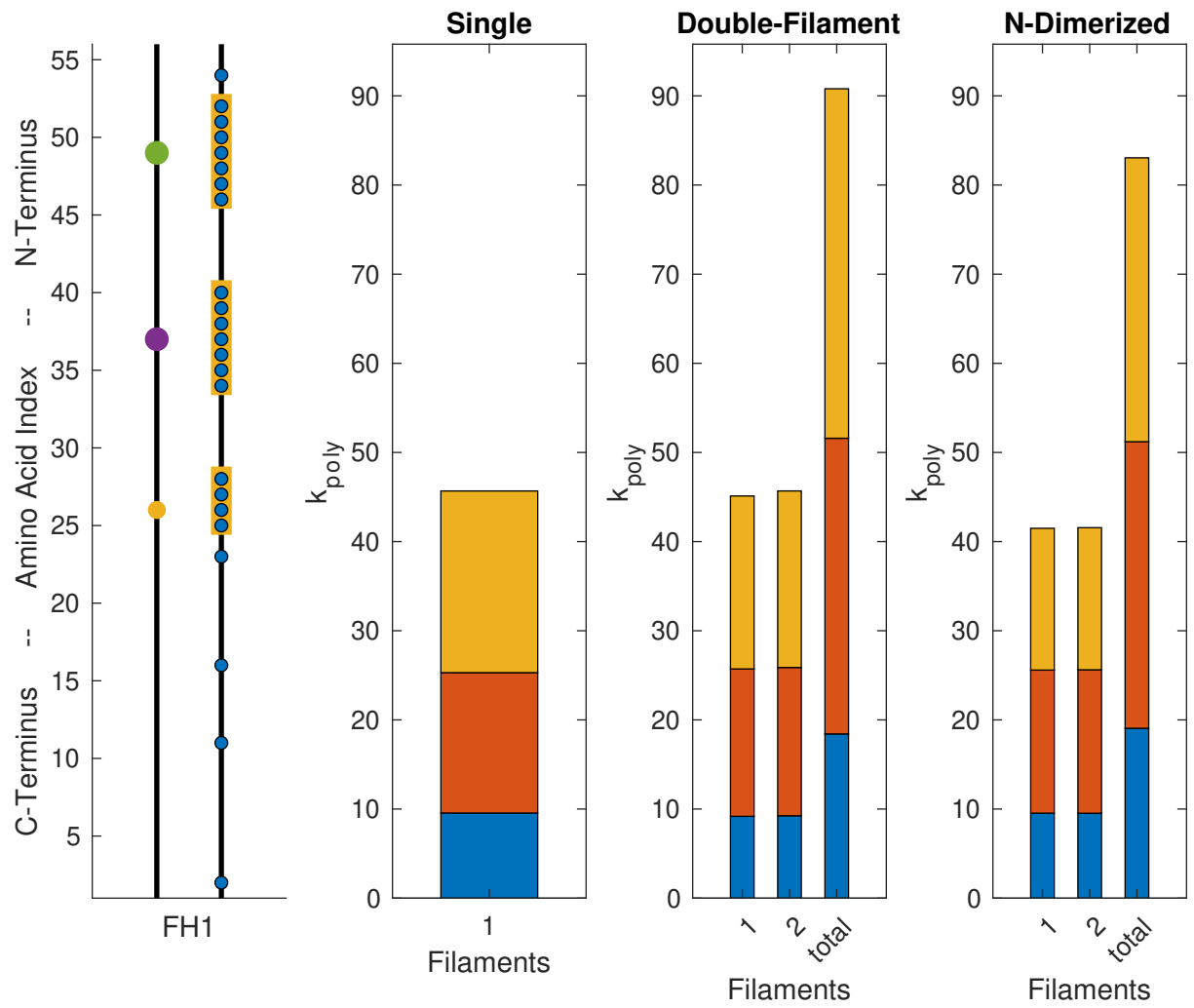
# FHOD3--Human



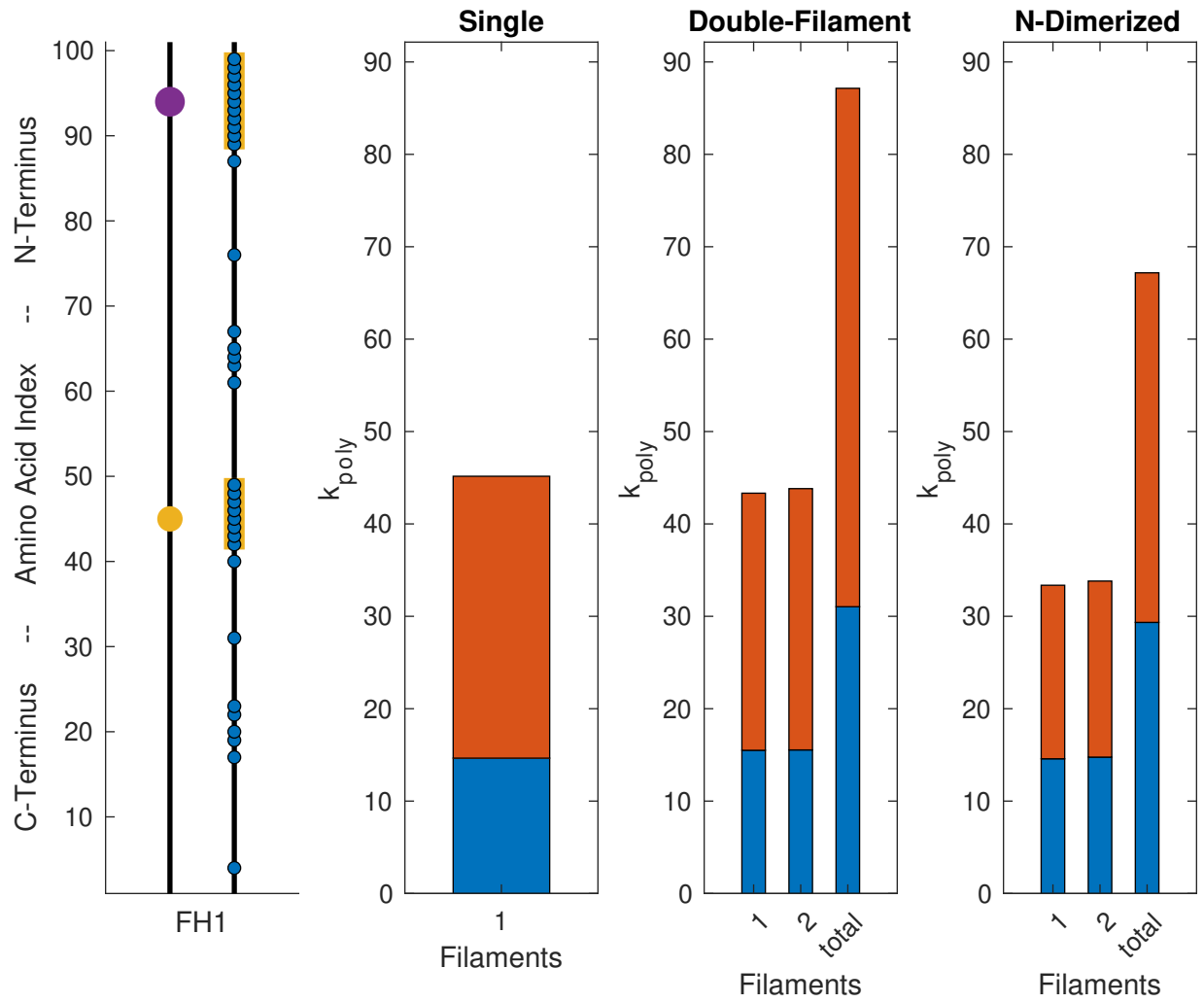
FHOD1--Mouse



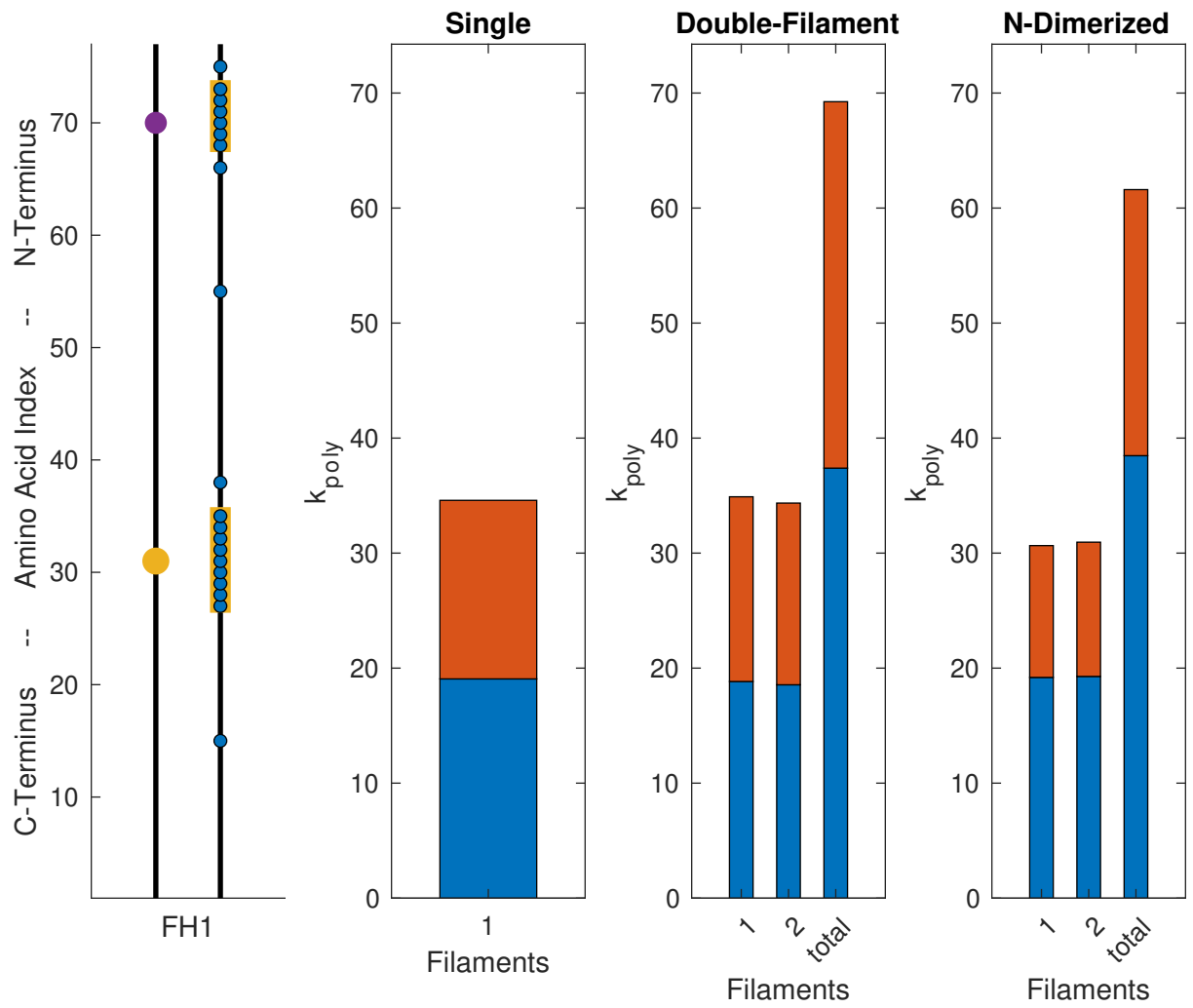
FHOD3--Mouse



## BNR1--Yeast

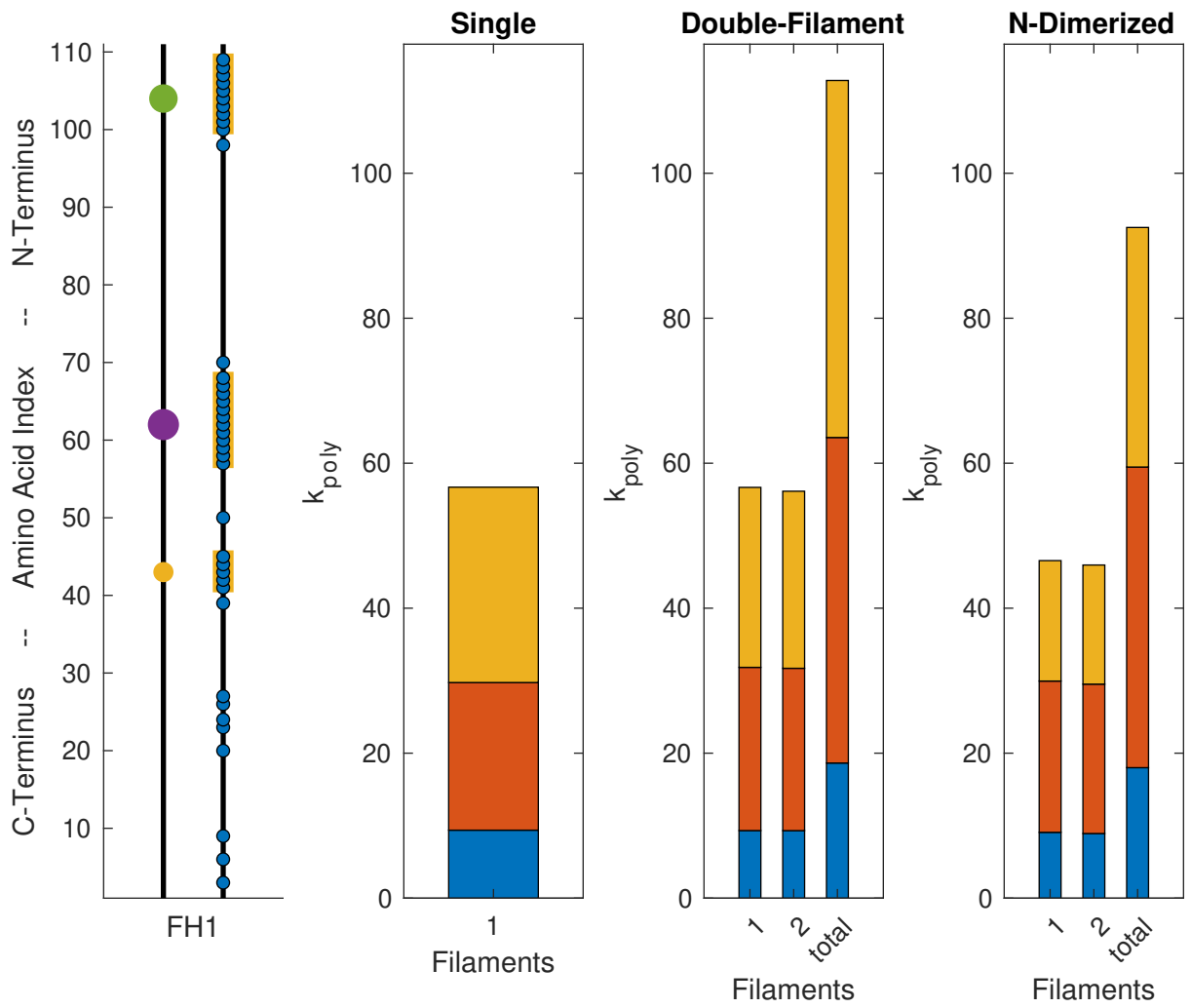


## CDC12P--Yeast

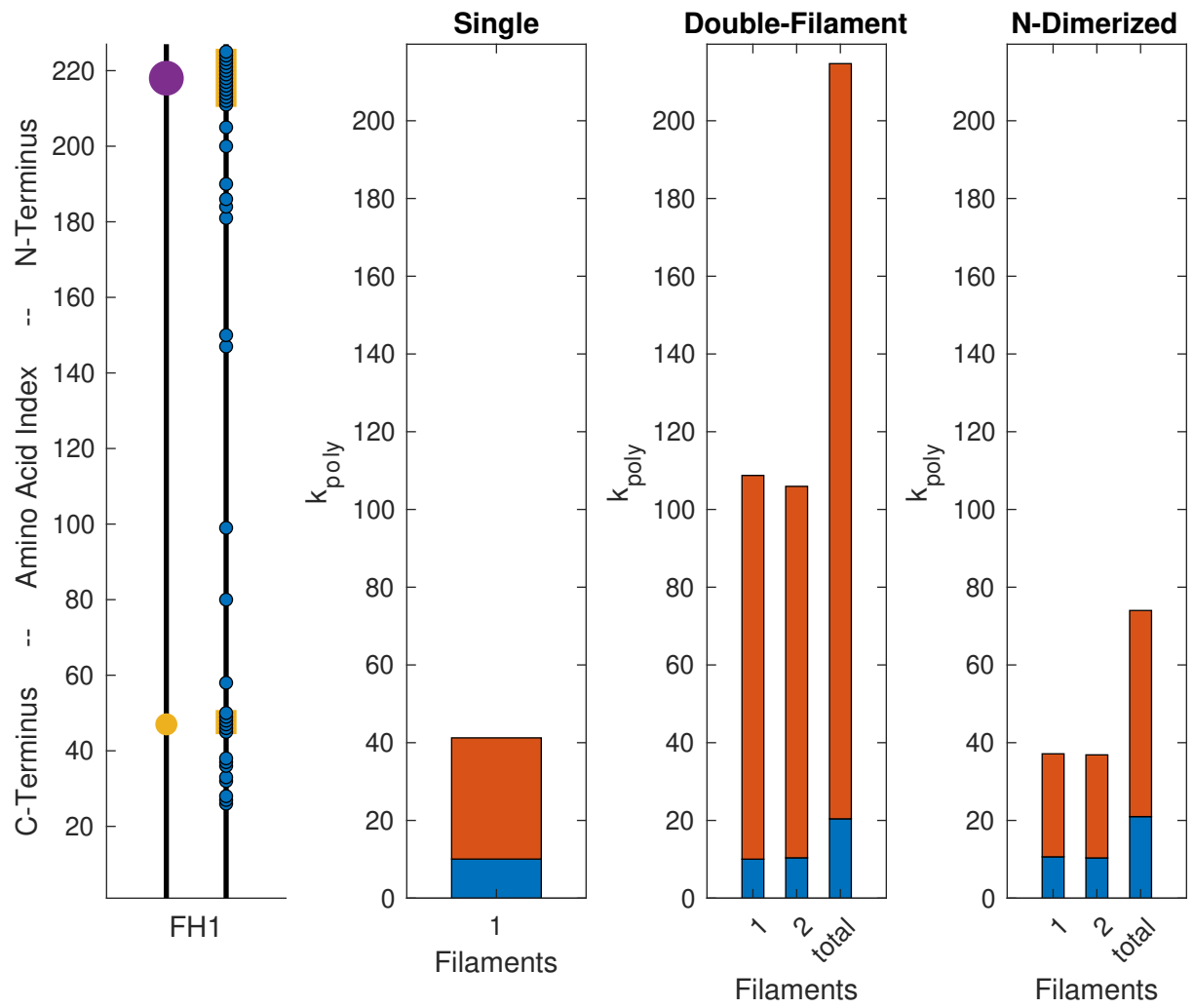




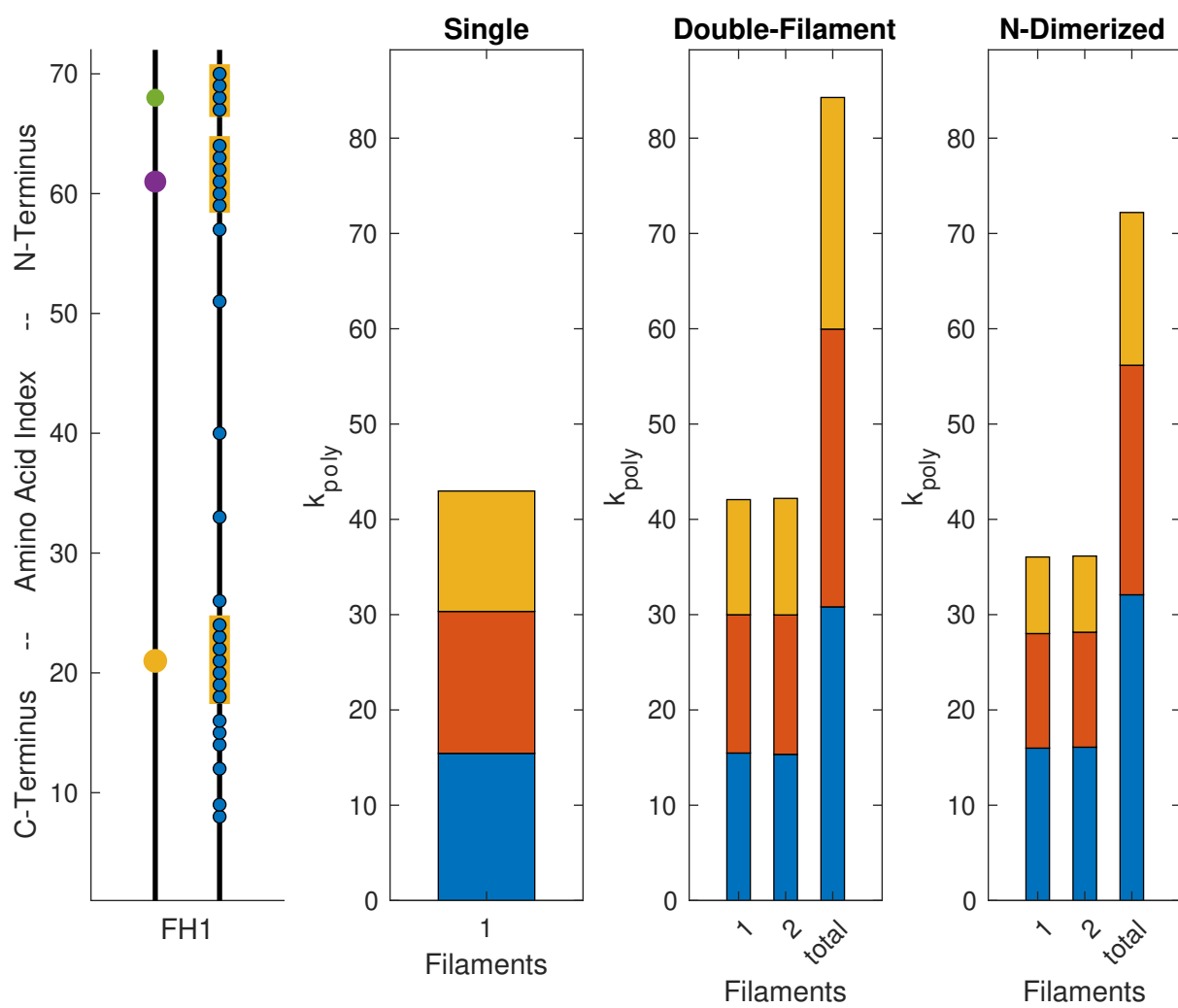
# BNI1P--Yeast



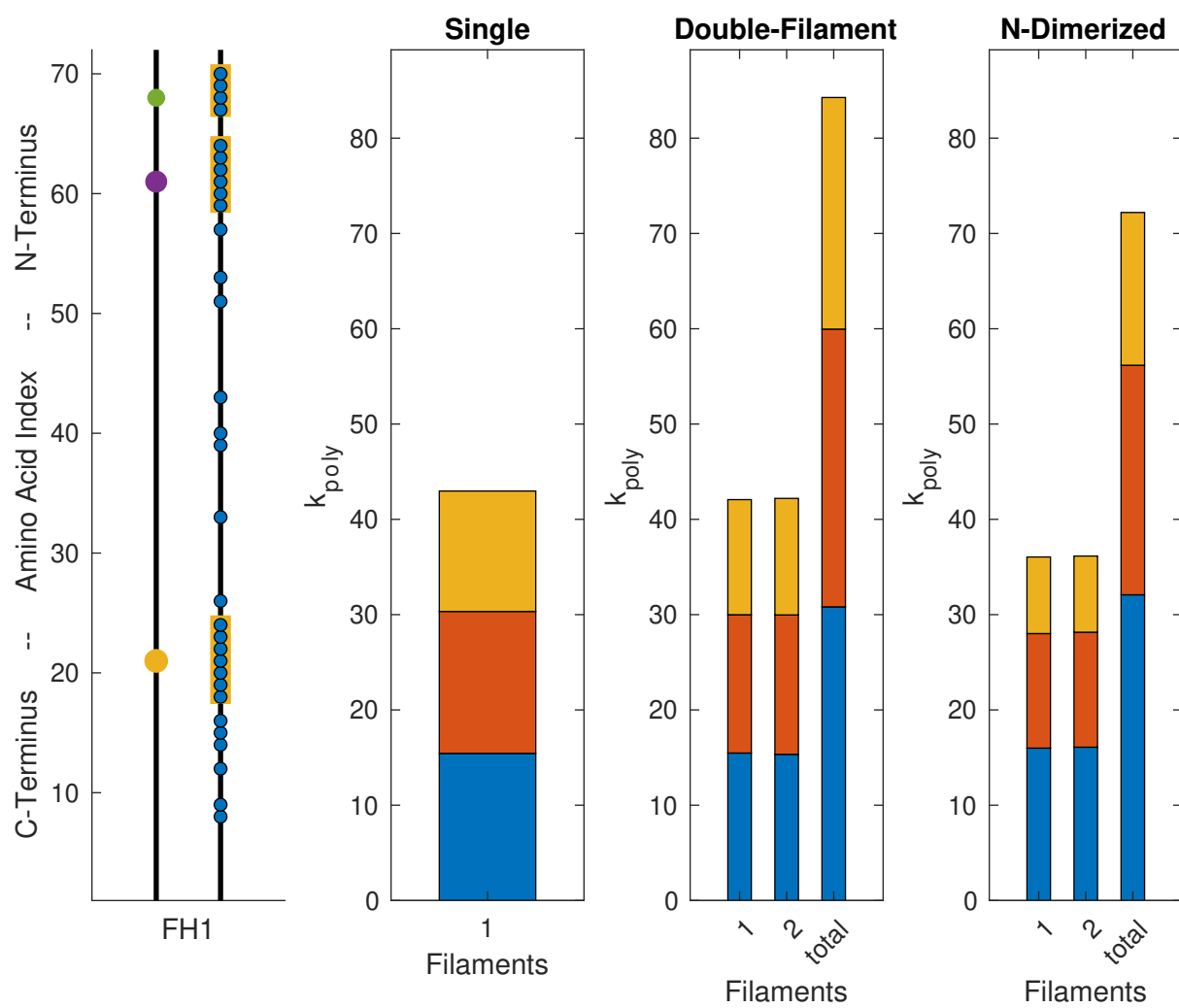
FHODB--FruitFly



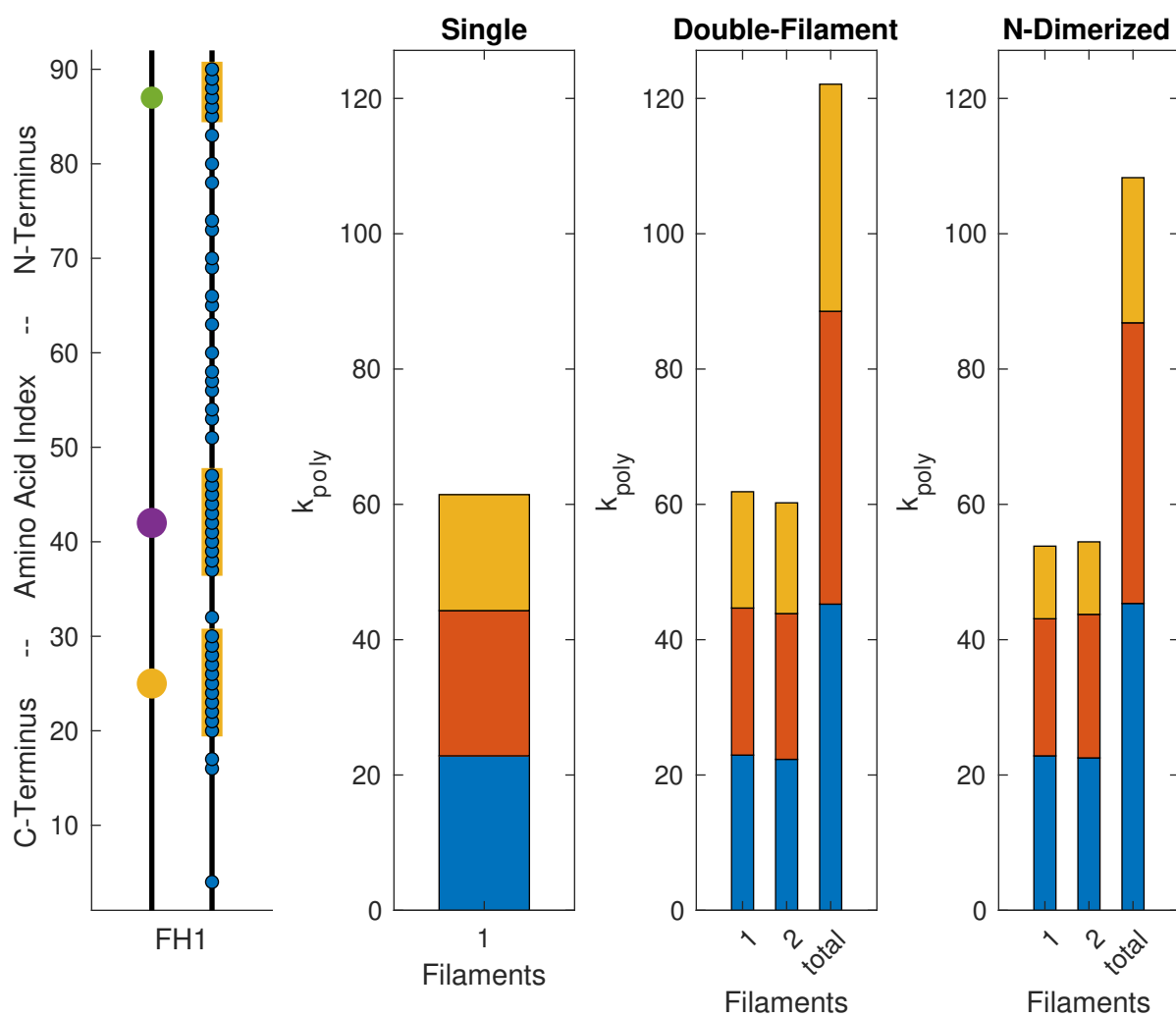
## Delphinin--Human



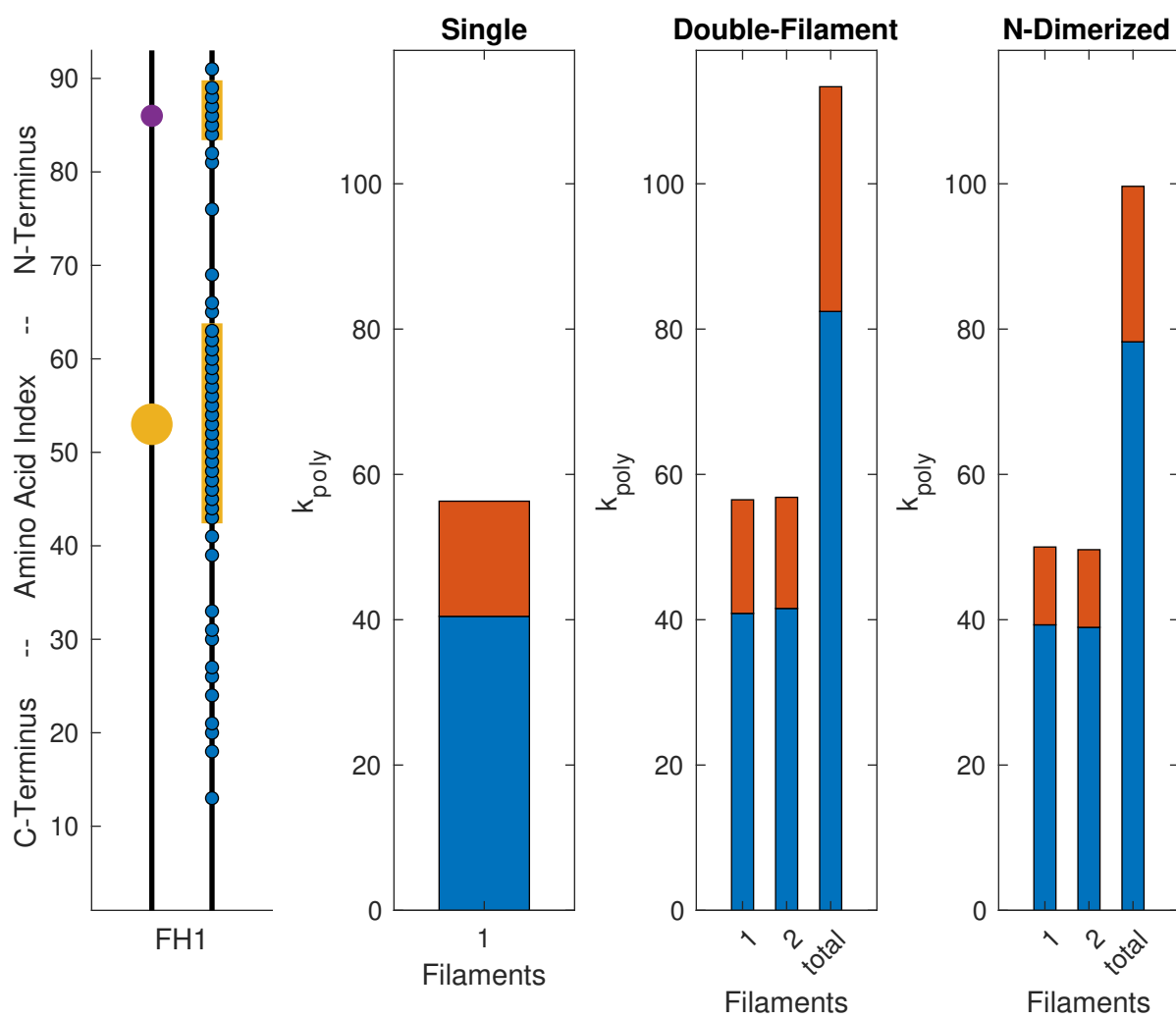
## Delphinin--Mouse



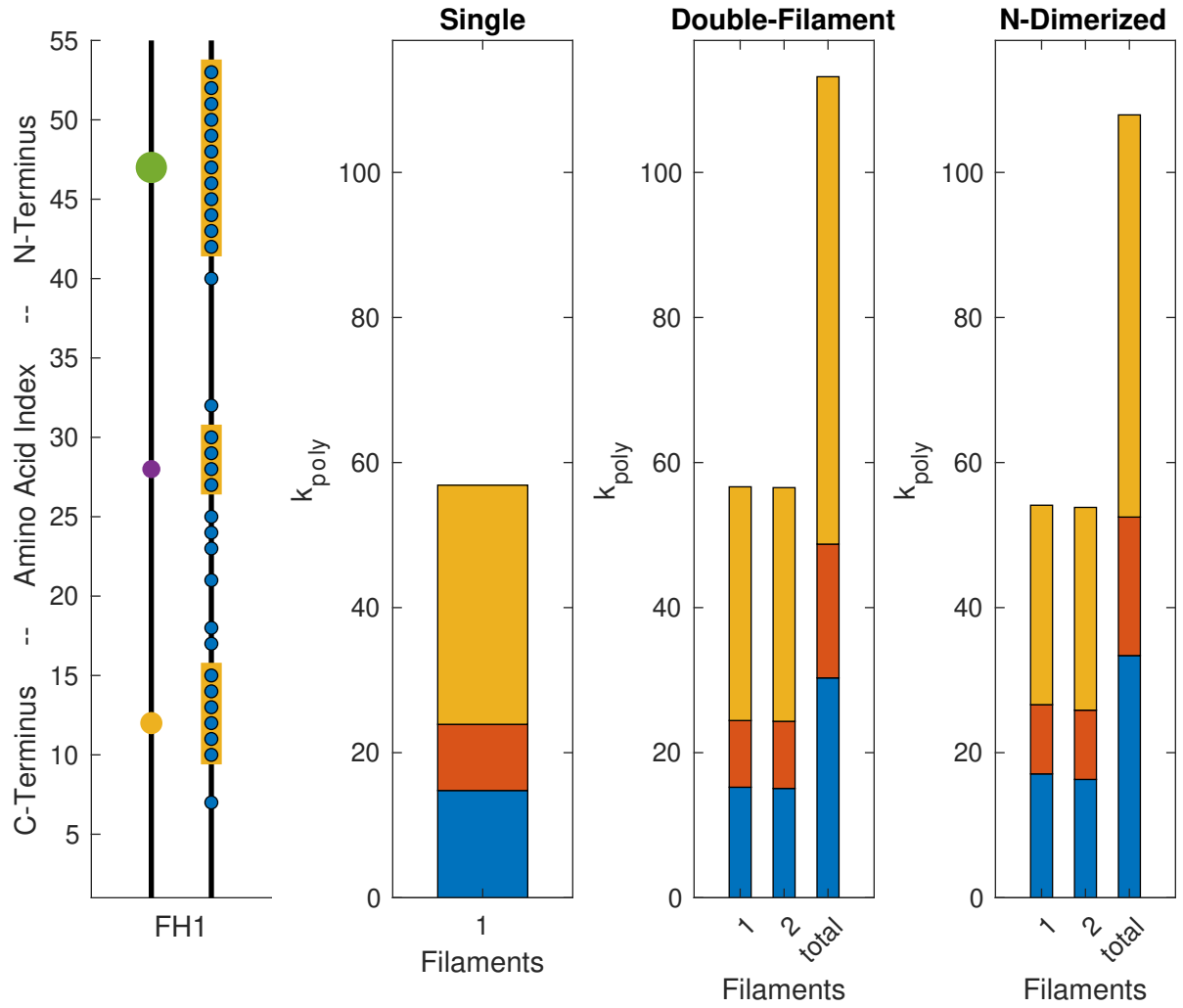
# FMNL1--Human



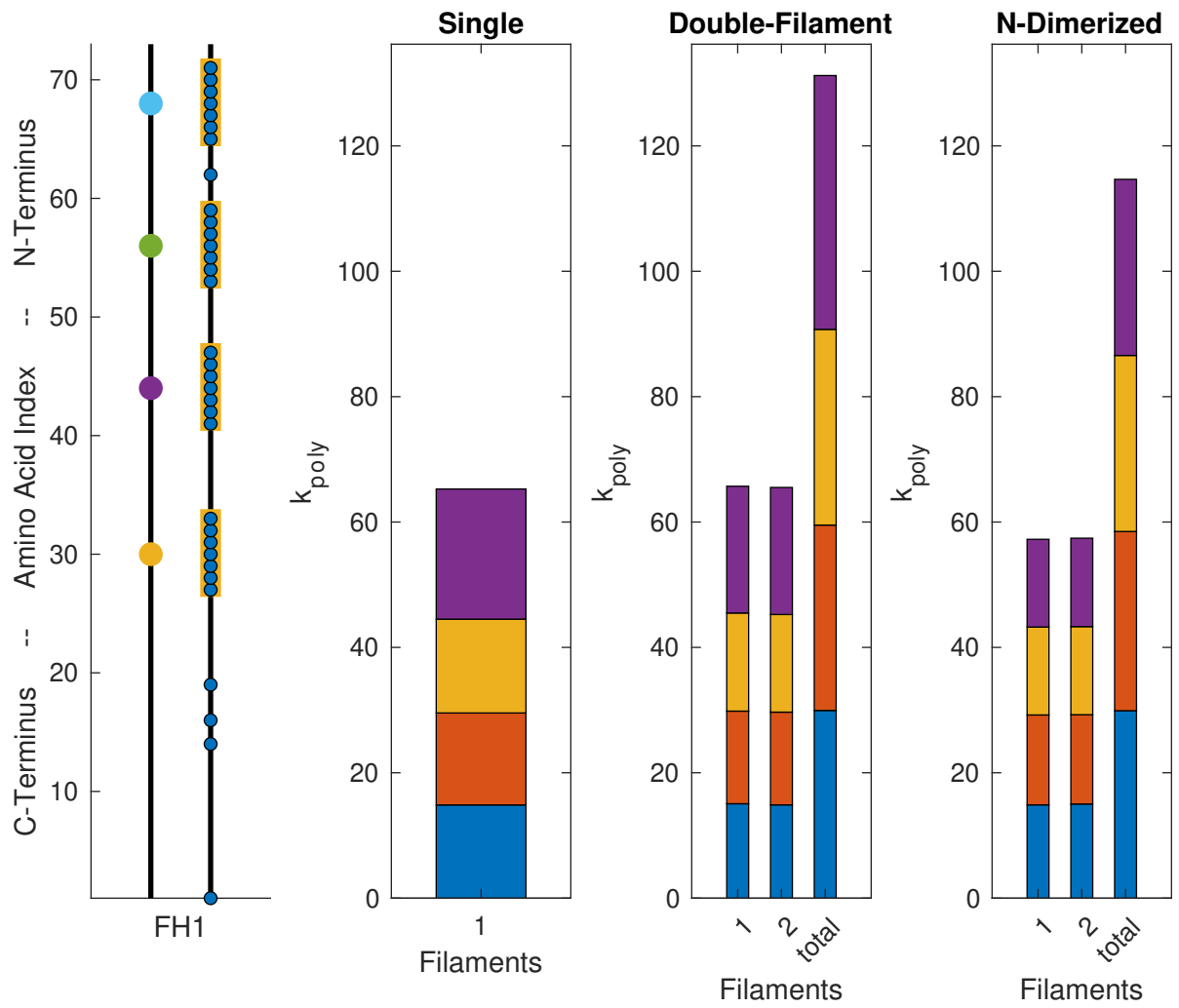
# FMNL2--Human



FHDC1--Mouse

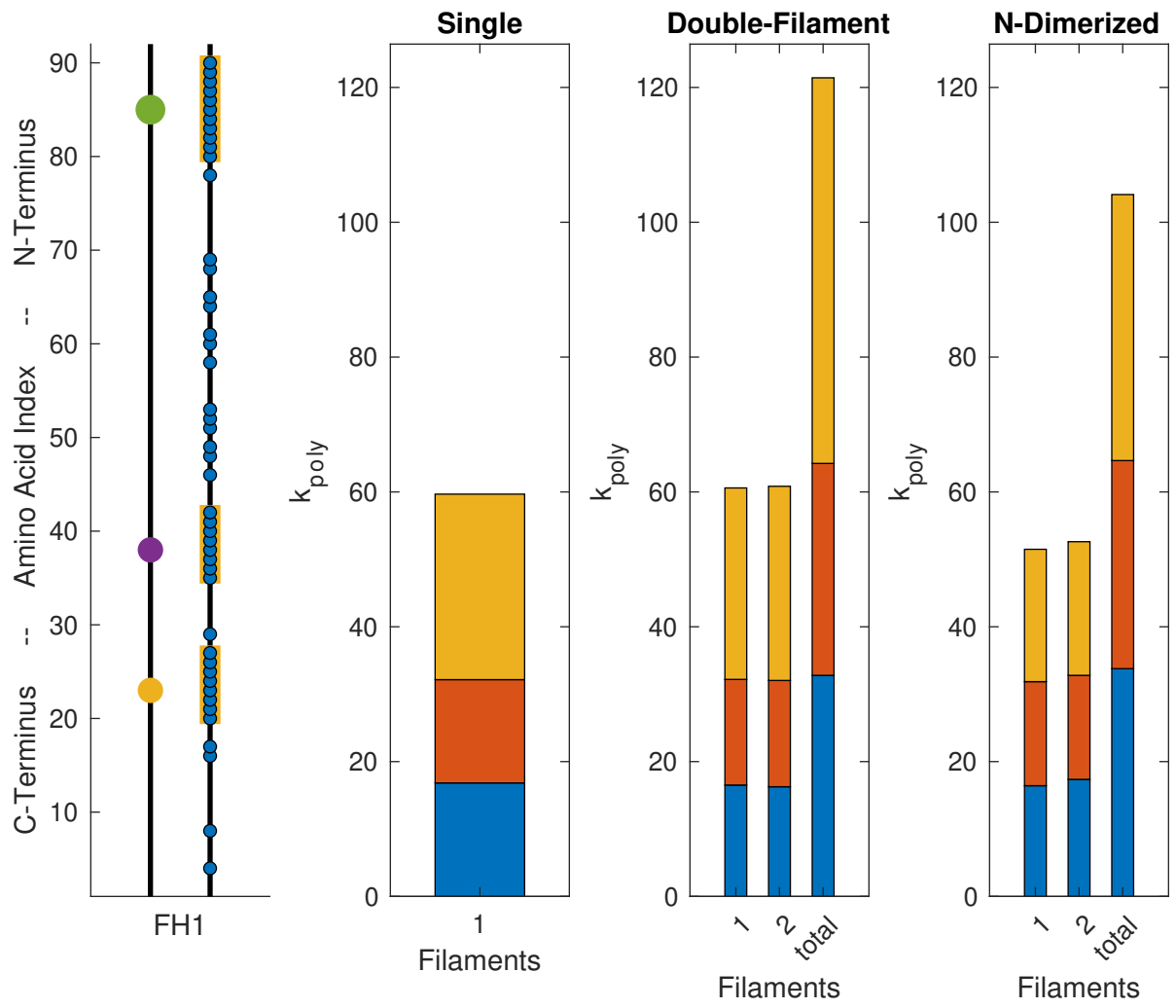


# DM7--FruitFly

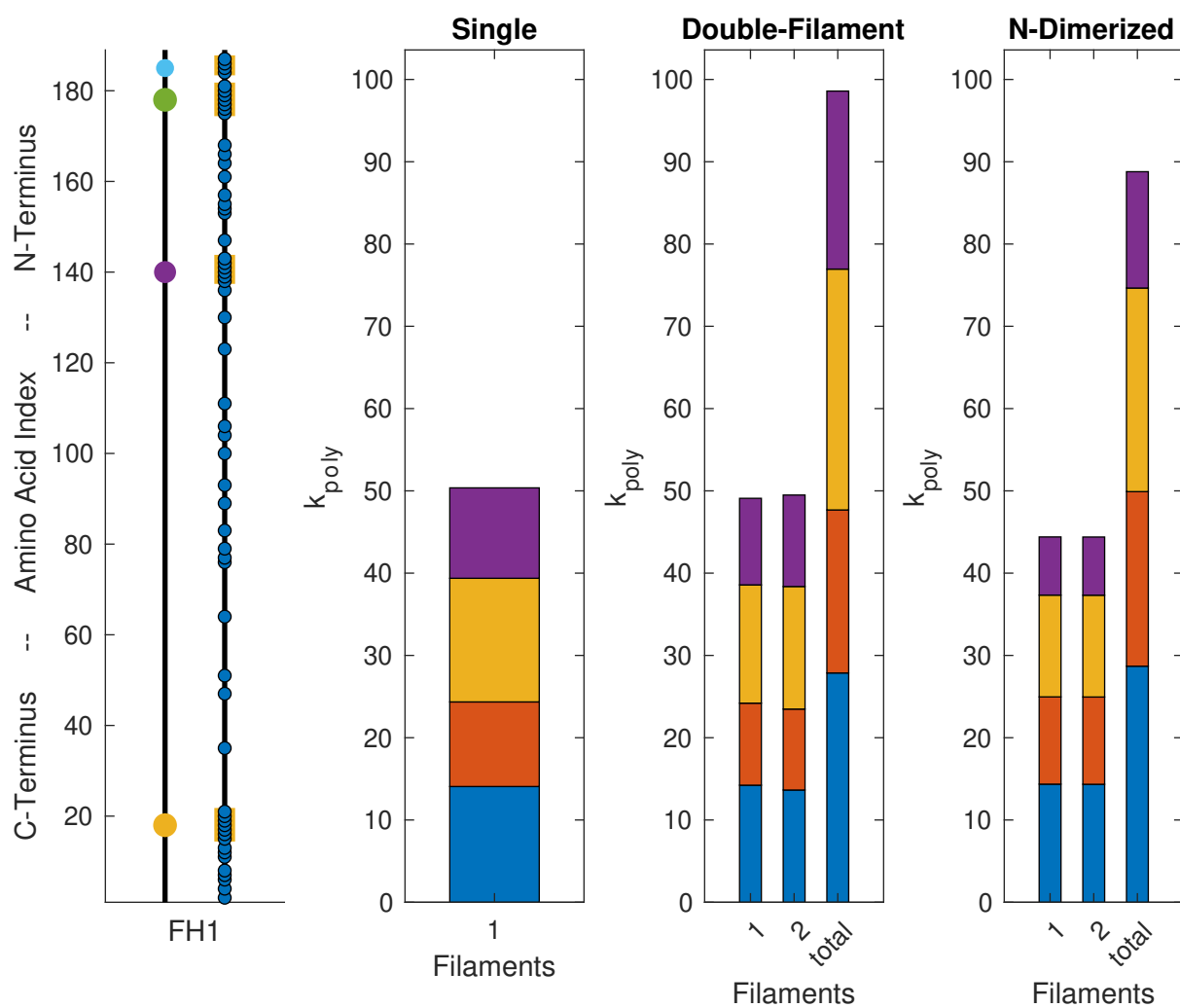




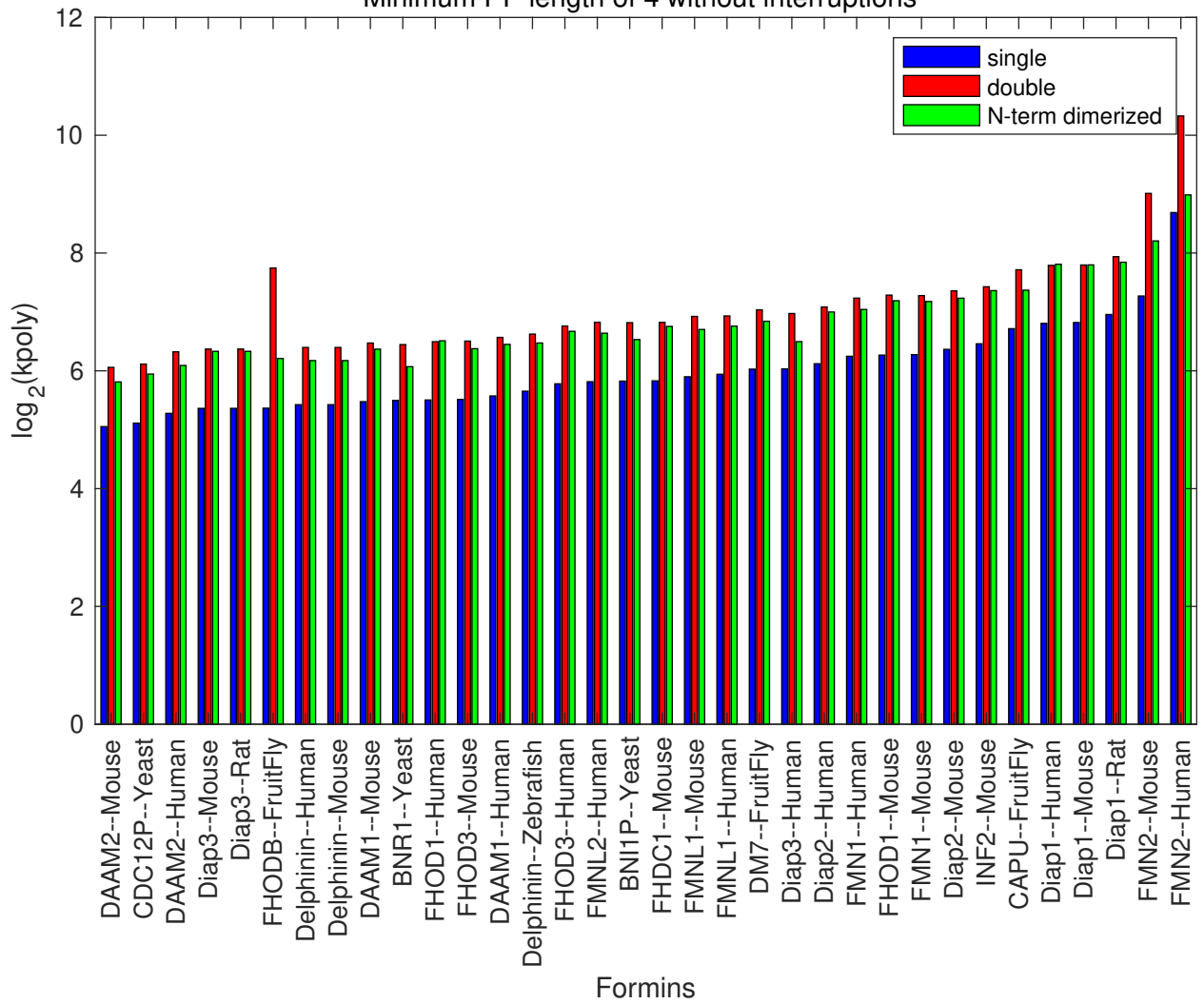
FMNL1--Mouse



## Delphinin--Zebrafish

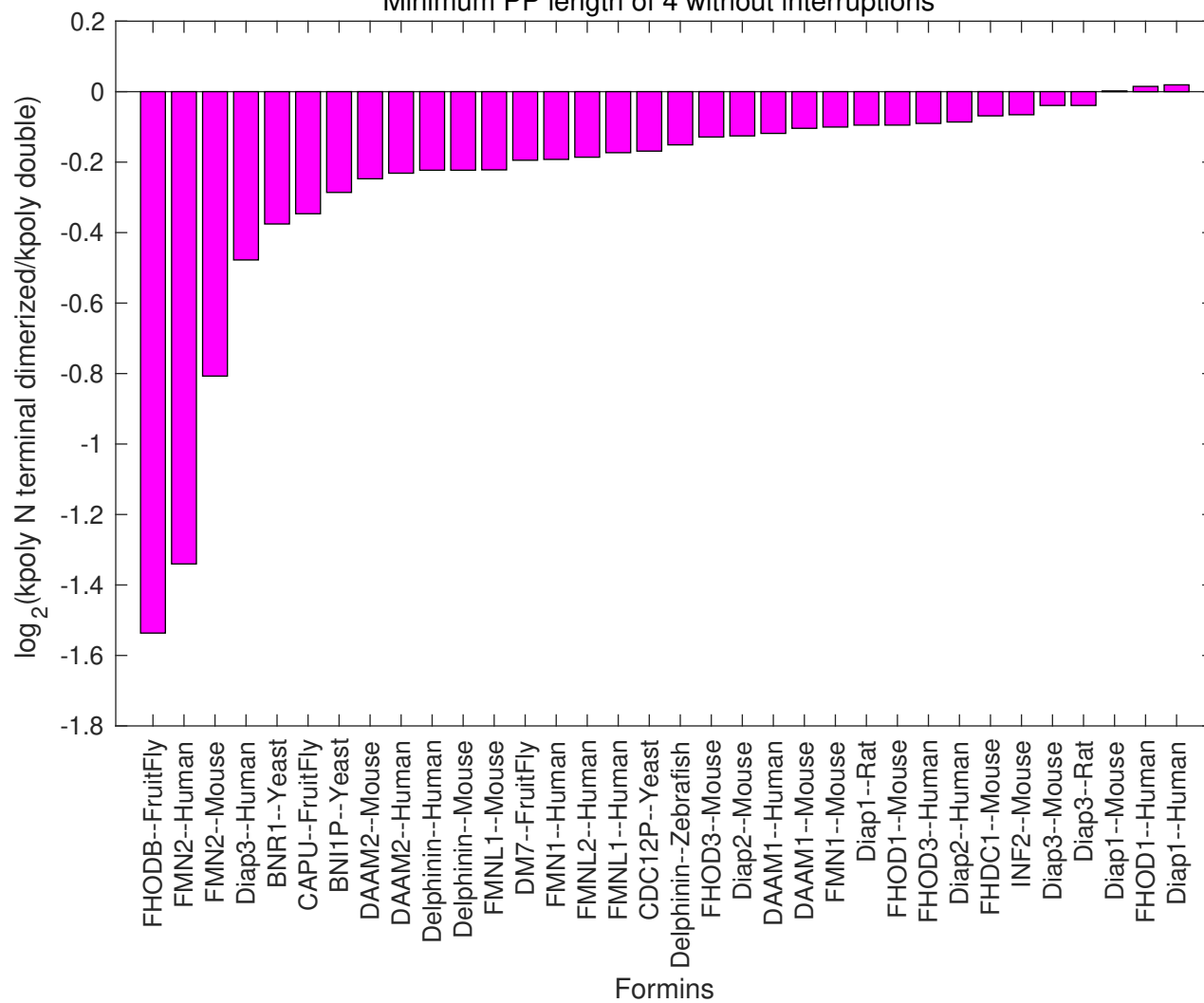


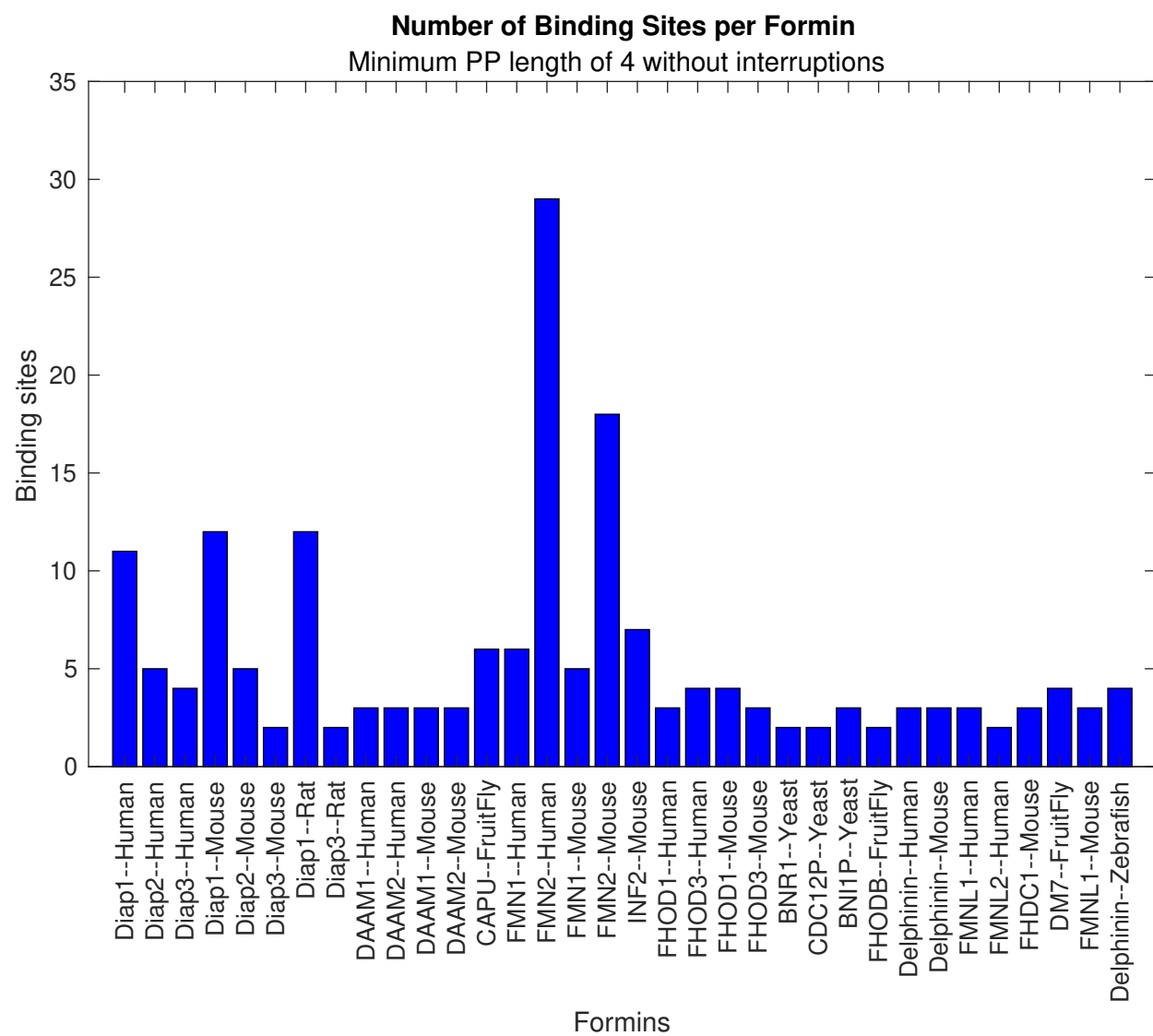
**Polymerization Rates per Formin**  
Minimum PP length of 4 without interruptions



## Change in Polymerization Rates w/ Dimerization per Formin

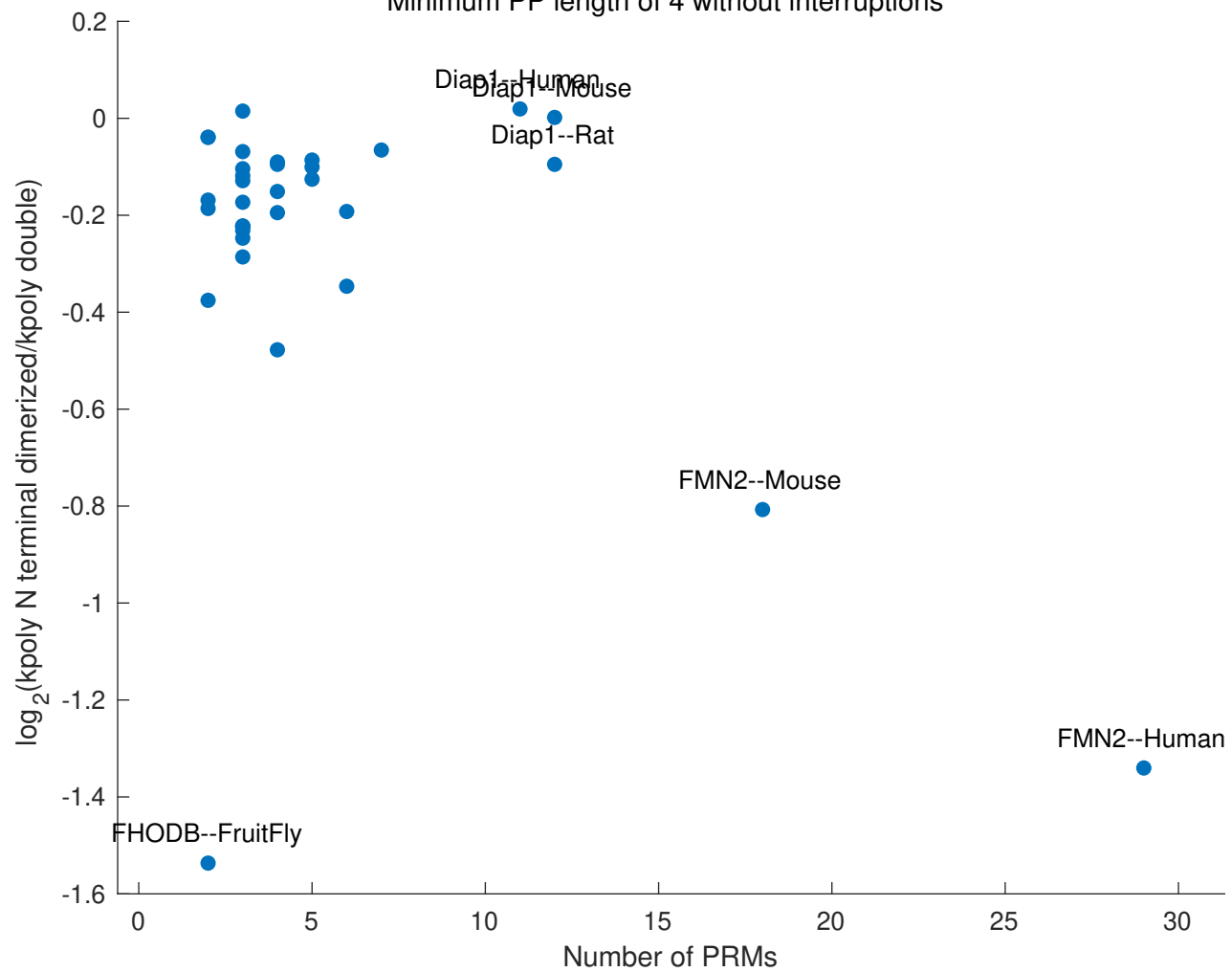
Minimum PP length of 4 without interruptions

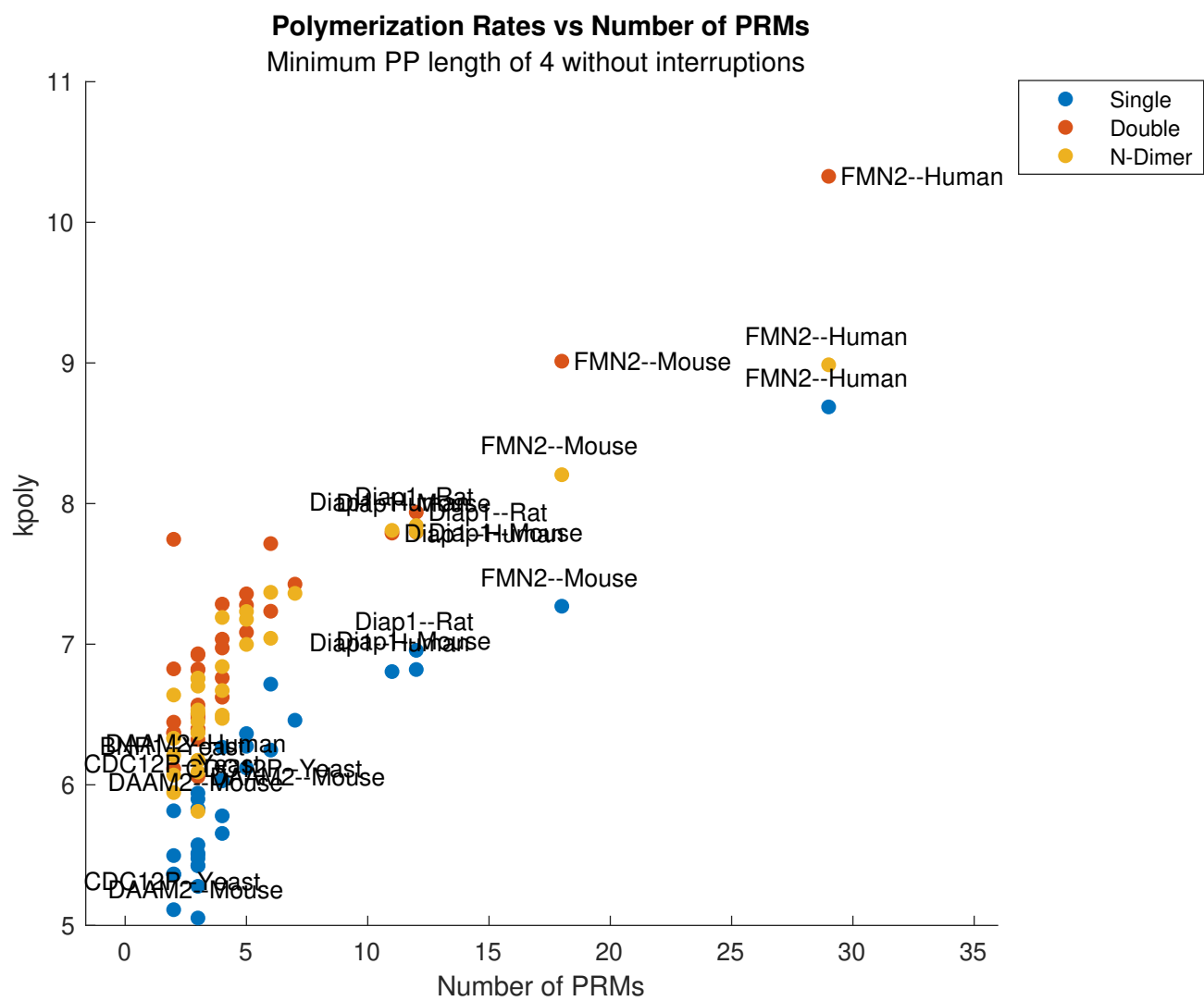




# Change in Polymerization Rates vs Number of PRMs

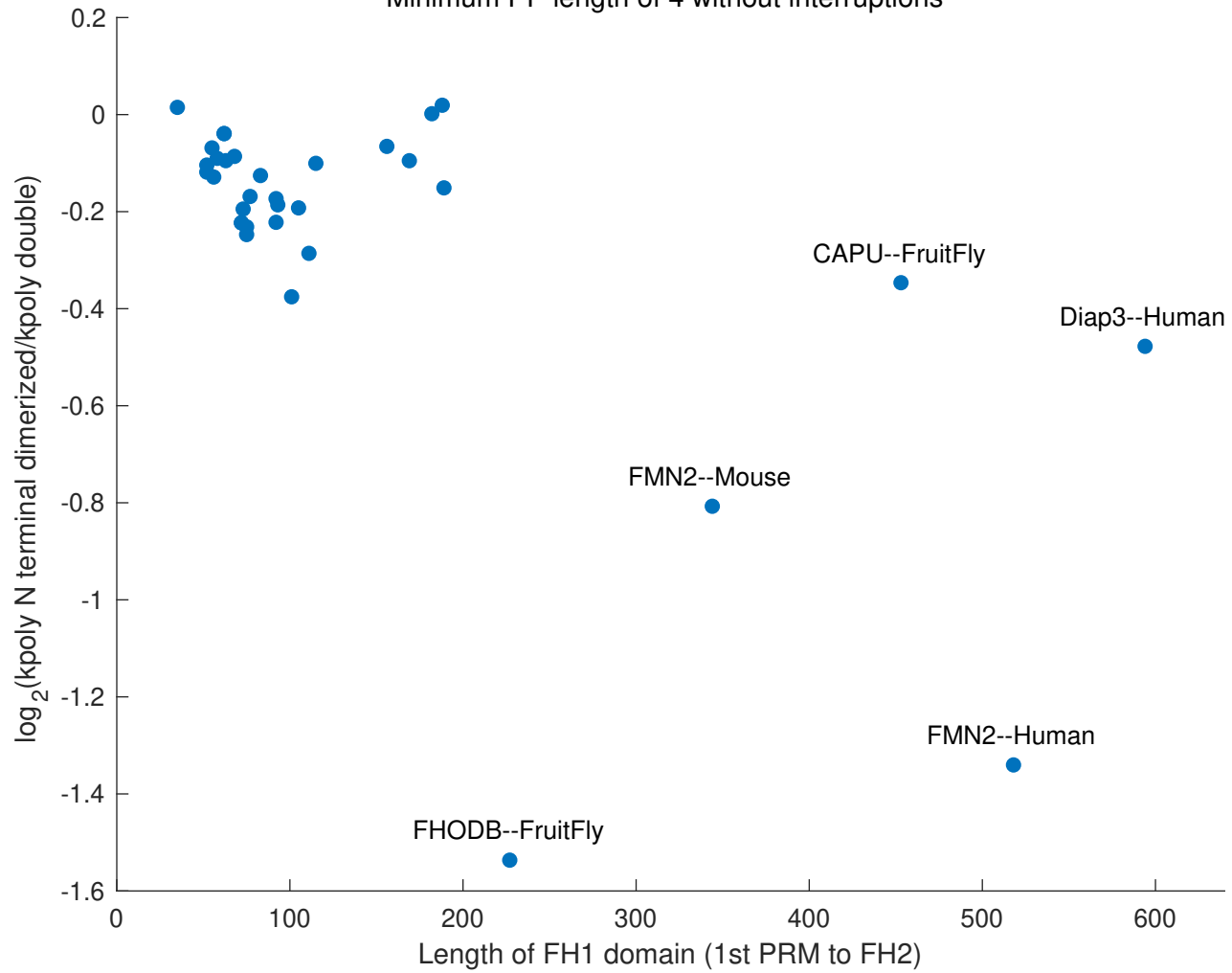
Minimum PP length of 4 without interruptions



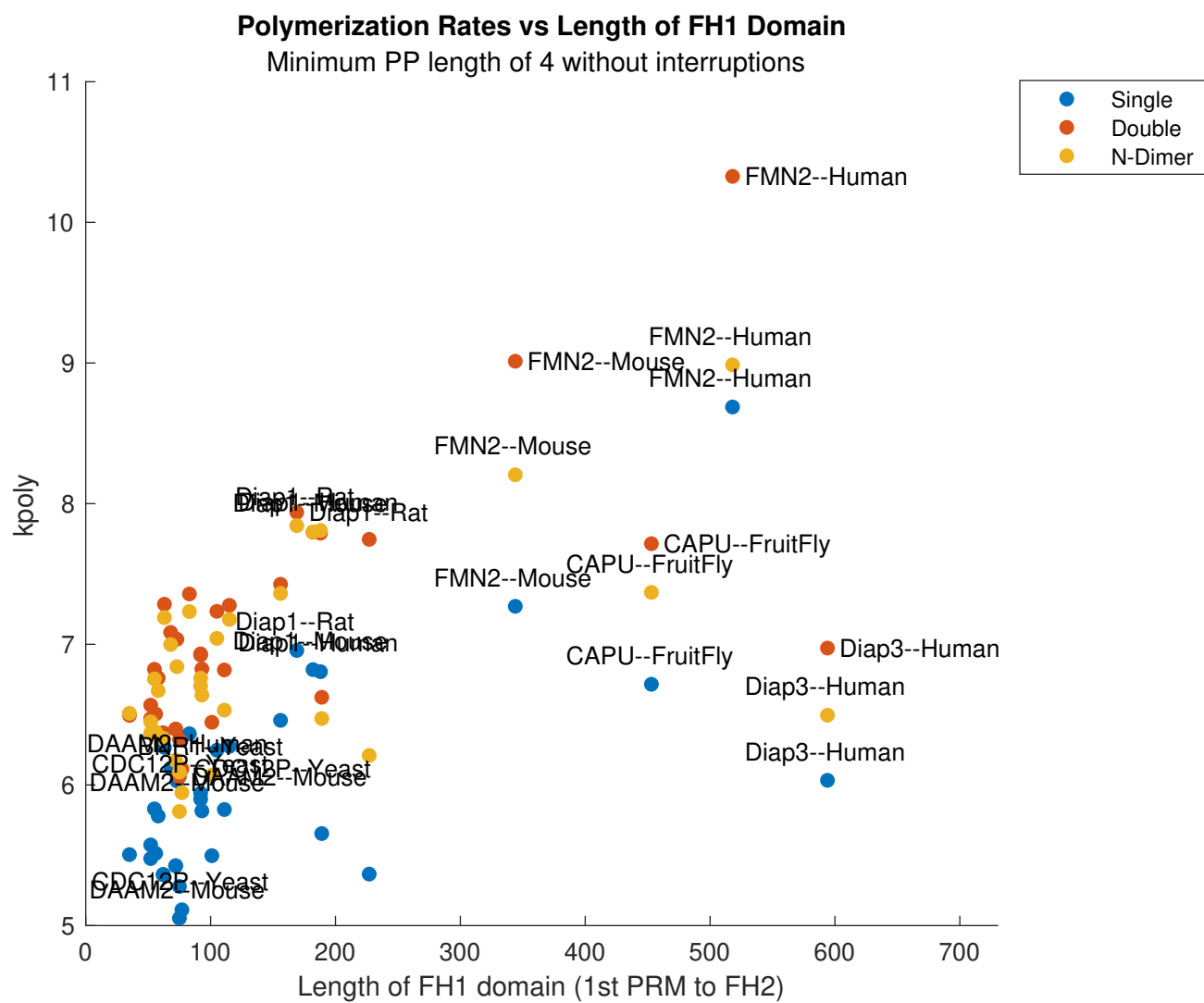


### Change in Polymerization Rates vs Length of FH1 Domain

Minimum PP length of 4 without interruptions

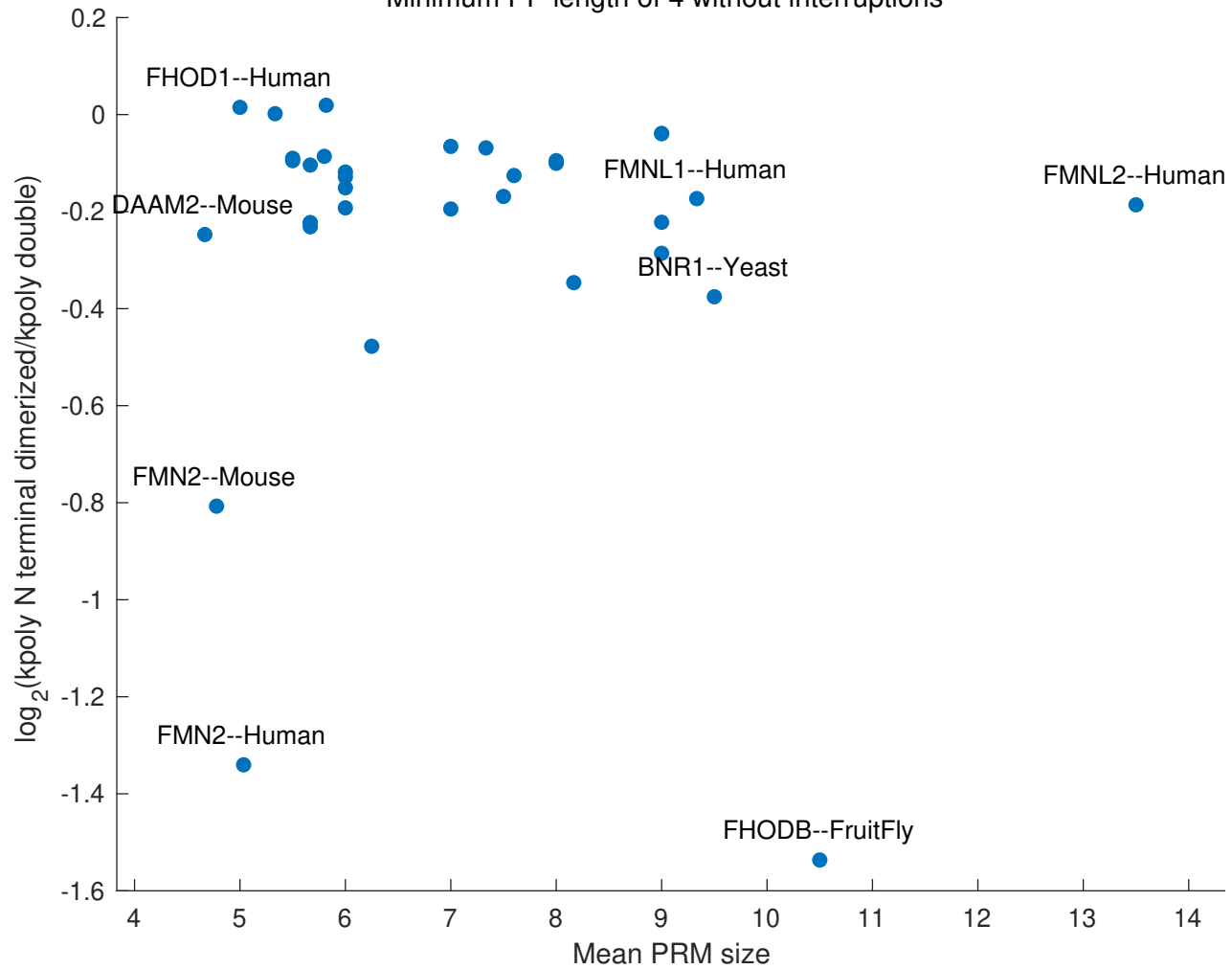






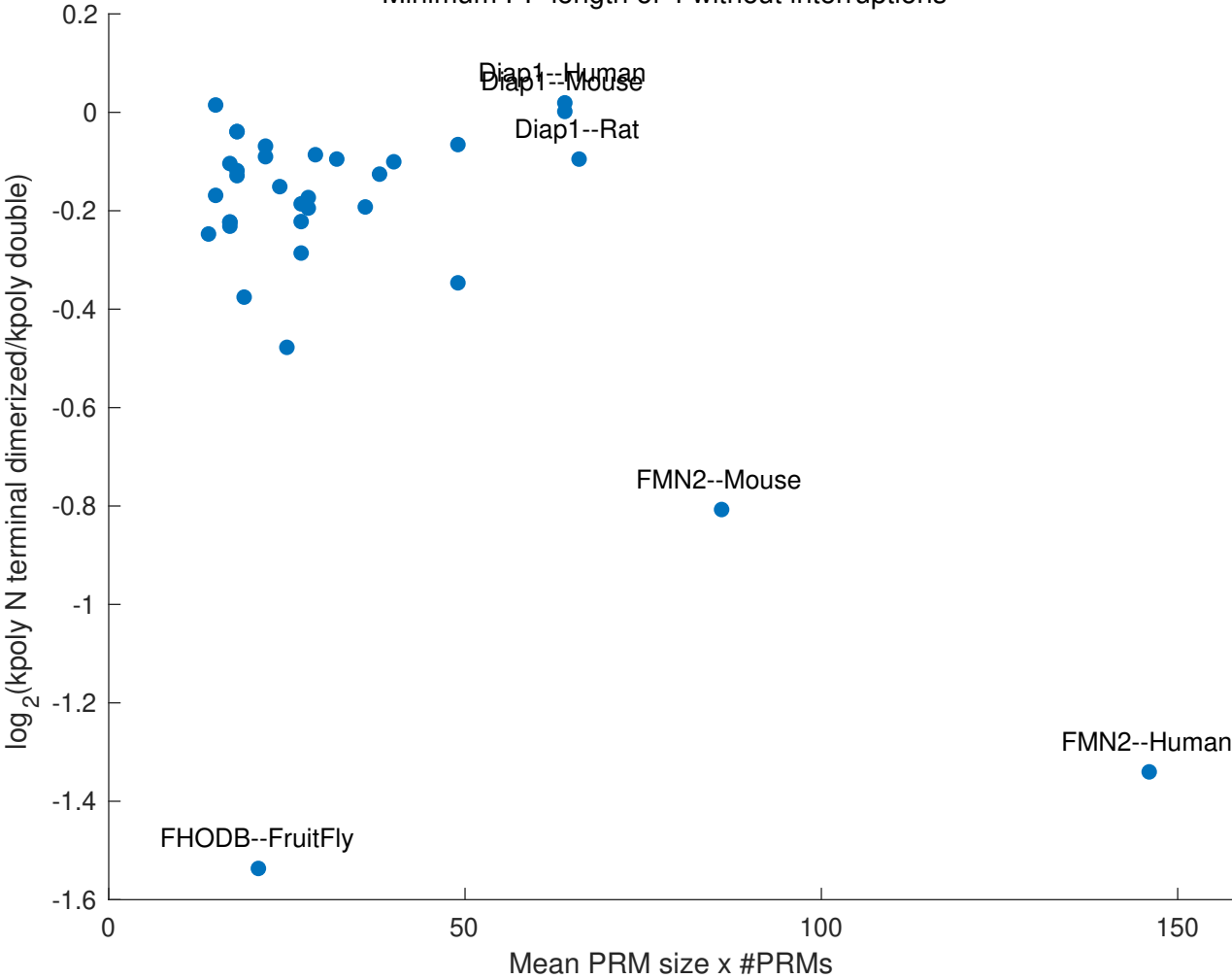
# Change in Polymerization Rates vs Mean PRM size

Minimum PP length of 4 without interruptions

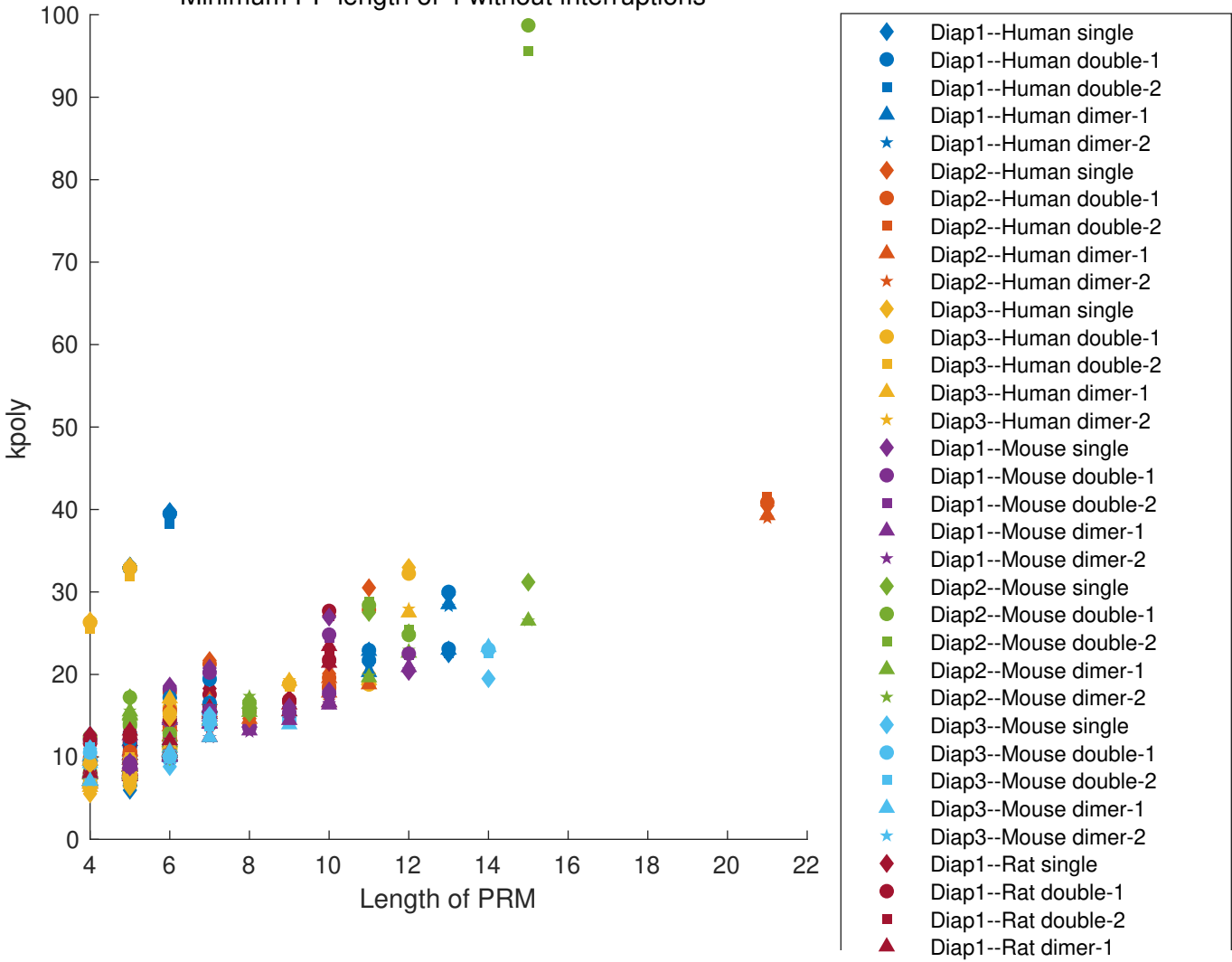


Change in Polymerization Rates vs Mean PRM size x Number of PRMs

Minimum PP length of 4 without interruptions

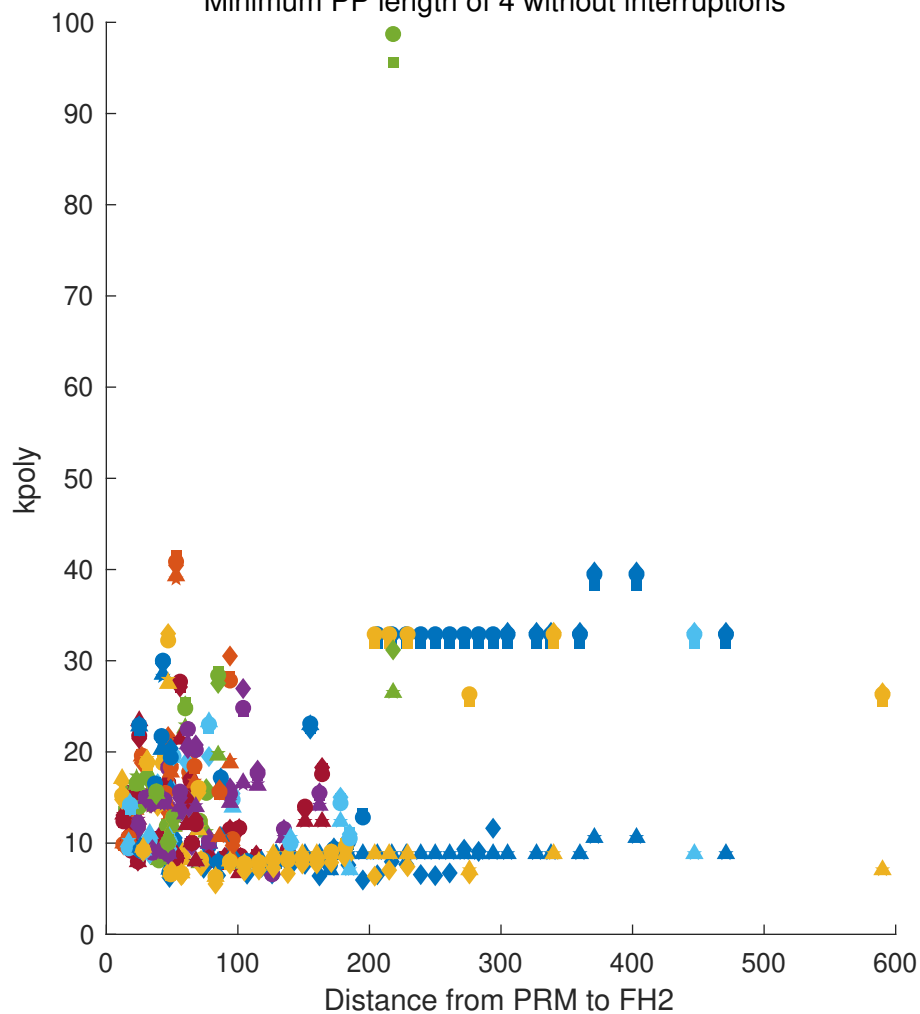


**Polymerization Rates vs. PP length per individual PRM**  
Minimum PP length of 4 without interruptions



# Polymerization Rates vs. PP dist to FH2 per individual PRM

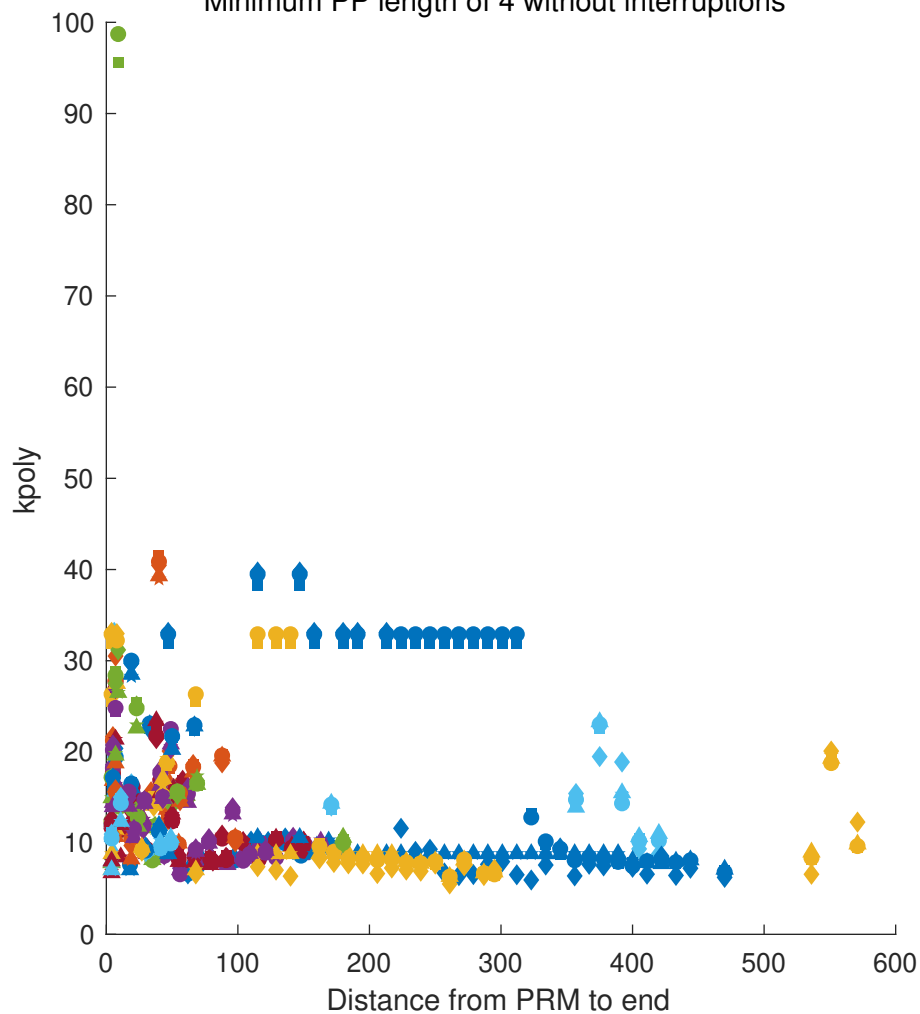
Minimum PP length of 4 without interruptions



- ◆ Diap1--Human single
- Diap1--Human double-1
- Diap1--Human double-2
- ▲ Diap1--Human dimer-1
- ★ Diap1--Human dimer-2
- ◆ Diap2--Human single
- Diap2--Human double-1
- Diap2--Human double-2
- ▲ Diap2--Human dimer-1
- ★ Diap2--Human dimer-2
- ◆ Diap3--Human single
- Diap3--Human double-1
- Diap3--Human double-2
- ▲ Diap3--Human dimer-1
- ★ Diap3--Human dimer-2
- ◆ Diap1--Mouse single
- Diap1--Mouse double-1
- Diap1--Mouse double-2
- ▲ Diap1--Mouse dimer-1
- ★ Diap1--Mouse dimer-2
- ◆ Diap2--Mouse single
- Diap2--Mouse double-1
- Diap2--Mouse double-2
- ▲ Diap2--Mouse dimer-1
- ★ Diap2--Mouse dimer-2
- ◆ Diap3--Mouse single
- Diap3--Mouse double-1
- Diap3--Mouse double-2
- ▲ Diap3--Mouse dimer-1
- ★ Diap3--Mouse dimer-2
- ◆ Diap1--Rat single
- Diap1--Rat double-1
- Diap1--Rat double-2
- ▲ Diap1--Rat dimer-1

# Polymerization Rates vs. PP dist to end per individual PRM

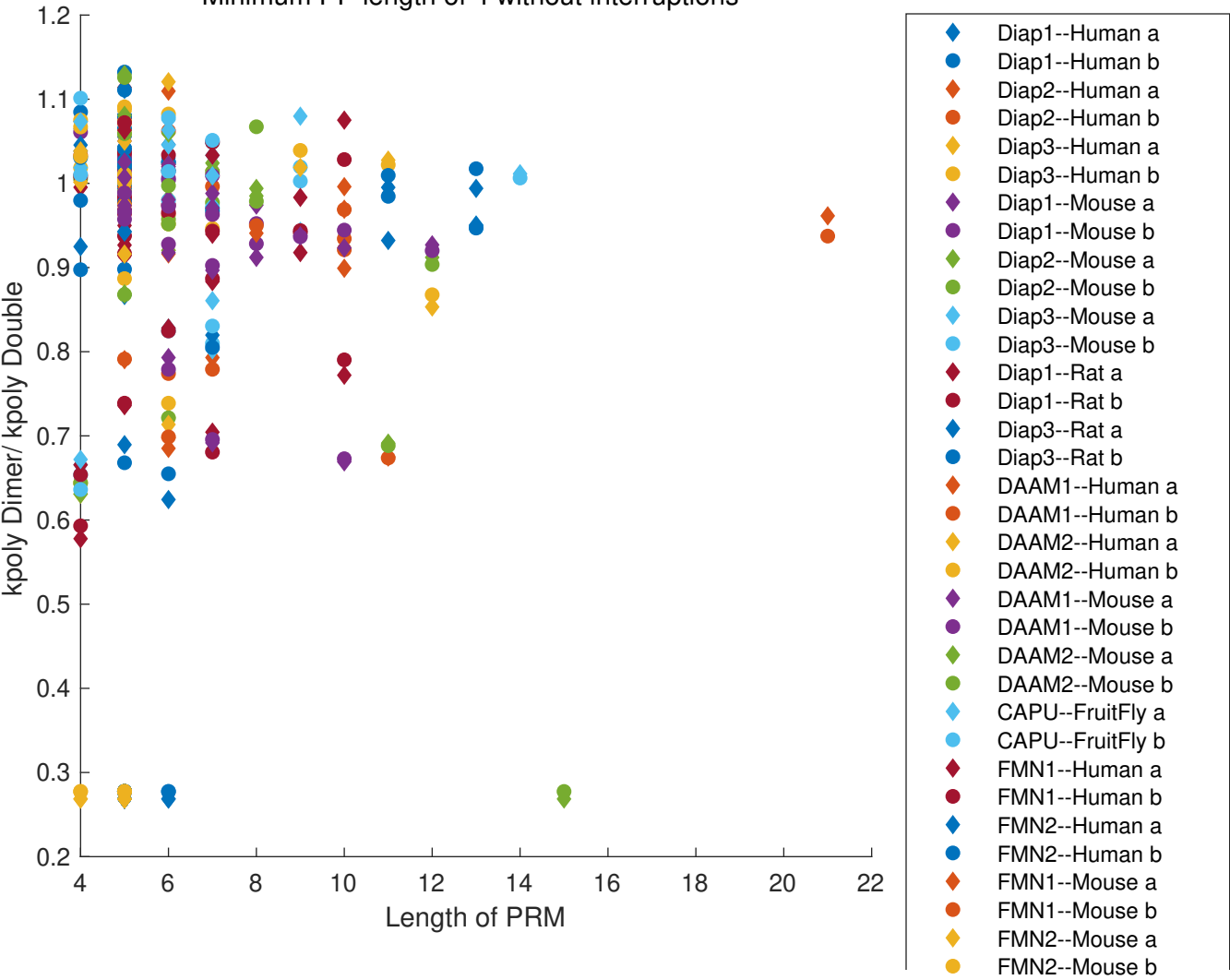
Minimum PP length of 4 without interruptions



- ◆ Diap1--Human single
- Diap1--Human double-1
- Diap1--Human double-2
- ▲ Diap1--Human dimer-1
- ★ Diap1--Human dimer-2
- ◆ Diap2--Human single
- Diap2--Human double-1
- Diap2--Human double-2
- ▲ Diap2--Human dimer-1
- ★ Diap2--Human dimer-2
- ◆ Diap3--Human single
- Diap3--Human double-1
- Diap3--Human double-2
- ▲ Diap3--Human dimer-1
- ★ Diap3--Human dimer-2
- ◆ Diap1--Mouse single
- Diap1--Mouse double-1
- Diap1--Mouse double-2
- ▲ Diap1--Mouse dimer-1
- ★ Diap1--Mouse dimer-2
- ◆ Diap2--Mouse single
- Diap2--Mouse double-1
- Diap2--Mouse double-2
- ▲ Diap2--Mouse dimer-1
- ★ Diap2--Mouse dimer-2
- ◆ Diap3--Mouse single
- Diap3--Mouse double-1
- Diap3--Mouse double-2
- ▲ Diap3--Mouse dimer-1
- ★ Diap3--Mouse dimer-2
- ◆ Diap1--Rat single
- Diap1--Rat double-1
- Diap1--Rat double-2
- ▲ Diap1--Rat dimer-1

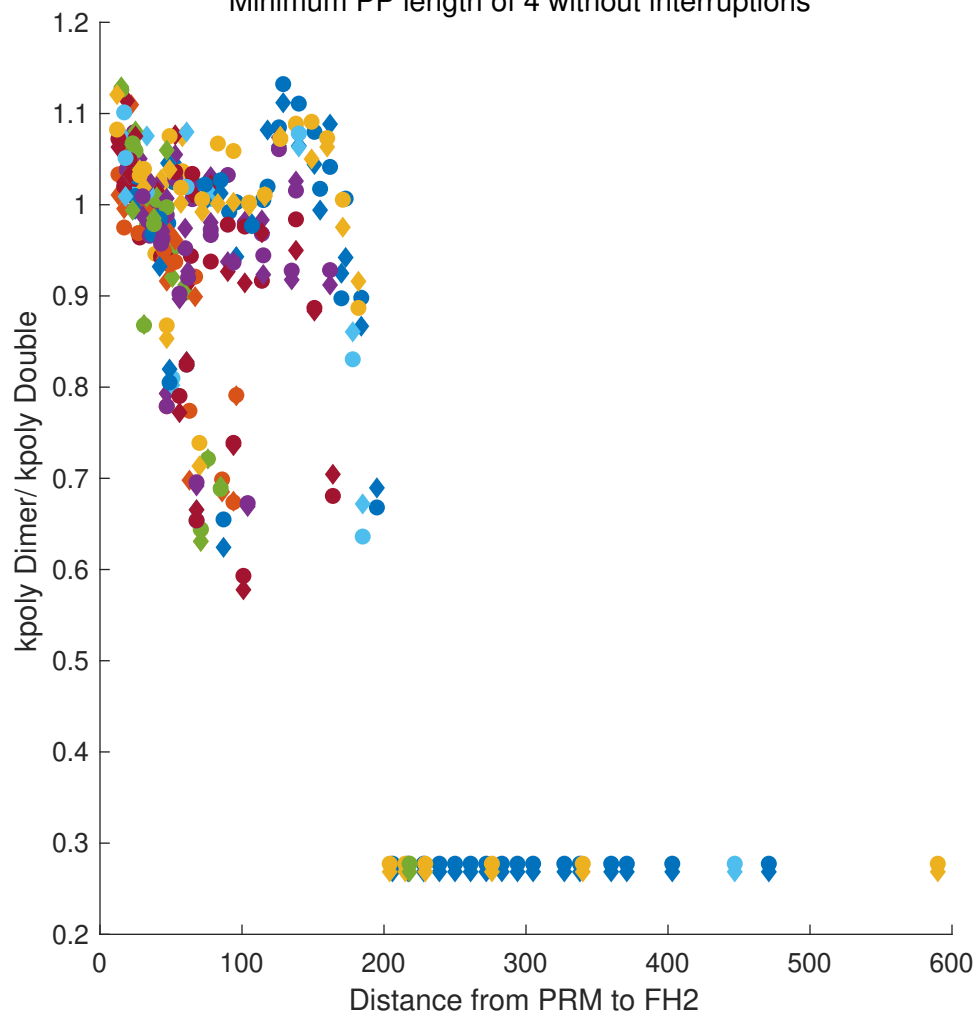
Change in Polymerization Rates vs. PP length per individual PRM

Minimum PP length of 4 without interruptions



## Change in Polymerization Rates vs. PP dist to FH2 per individual PRM

Minimum PP length of 4 without interruptions

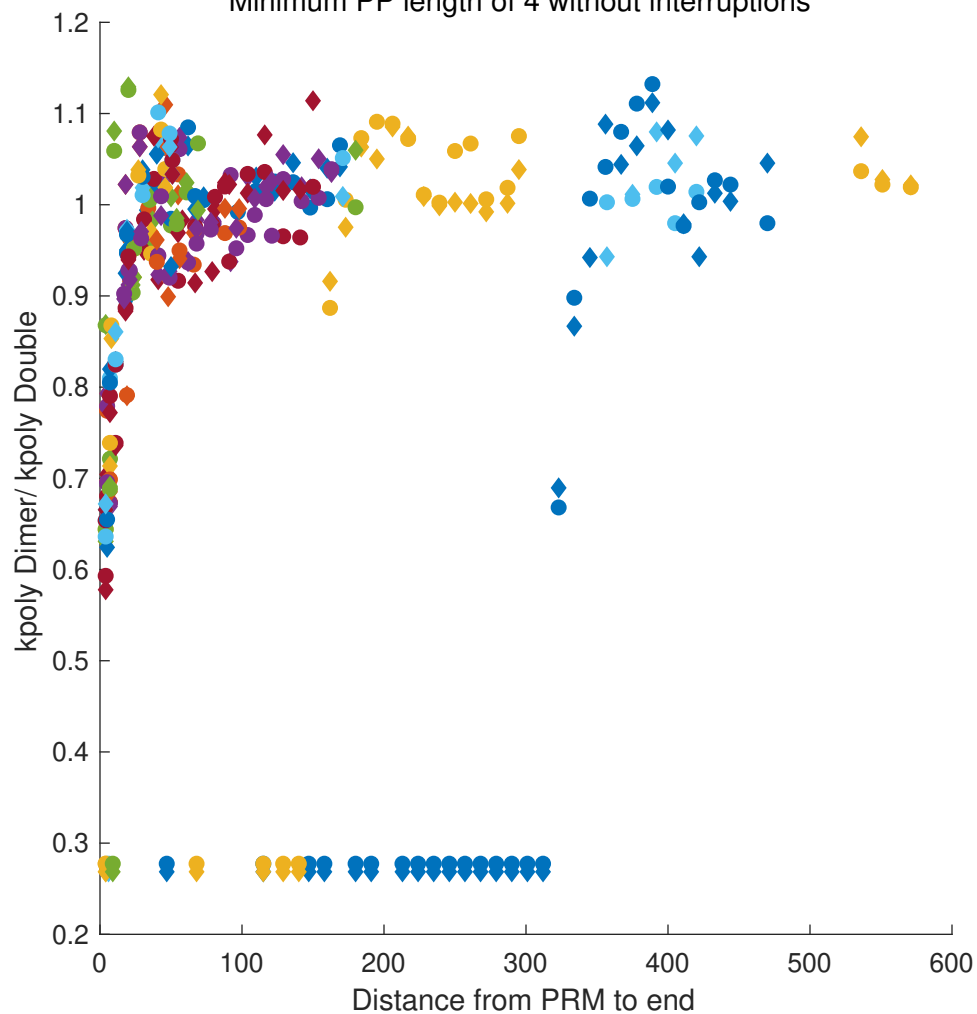


- ◆ Diap1--Human a
- Diap1--Human b
- ◆ Diap2--Human a
- Diap2--Human b
- ◆ Diap3--Human a
- Diap3--Human b
- ◆ Diap1--Mouse a
- Diap1--Mouse b
- ◆ Diap2--Mouse a
- Diap2--Mouse b
- ◆ Diap3--Mouse a
- Diap3--Mouse b
- ◆ Diap1--Rat a
- Diap1--Rat b
- ◆ Diap3--Rat a
- Diap3--Rat b
- ◆ DAAM1--Human a
- DAAM1--Human b
- ◆ DAAM2--Human a
- DAAM2--Human b
- ◆ DAAM1--Mouse a
- DAAM1--Mouse b
- ◆ DAAM2--Mouse a
- DAAM2--Mouse b
- ◆ CAPU--FruitFly a
- CAPU--FruitFly b
- ◆ FMN1--Human a
- FMN1--Human b
- ◆ FMN2--Human a
- FMN2--Human b
- ◆ FMN1--Mouse a
- FMN1--Mouse b
- ◆ FMN2--Mouse a
- FMN2--Mouse b



## Change in Polymerization Rates vs. PP dist to end per individual PRM

Minimum PP length of 4 without interruptions



- ◆ Diap1--Human a
- Diap1--Human b
- ◆ Diap2--Human a
- Diap2--Human b
- ◆ Diap3--Human a
- Diap3--Human b
- ◆ Diap1--Mouse a
- Diap1--Mouse b
- ◆ Diap2--Mouse a
- Diap2--Mouse b
- ◆ Diap3--Mouse a
- Diap3--Mouse b
- ◆ Diap1--Rat a
- Diap1--Rat b
- ◆ Diap3--Rat a
- Diap3--Rat b
- ◆ DAAM1--Human a
- DAAM1--Human b
- ◆ DAAM2--Human a
- DAAM2--Human b
- ◆ DAAM1--Mouse a
- DAAM1--Mouse b
- ◆ DAAM2--Mouse a
- DAAM2--Mouse b
- ◆ CAPU--FruitFly a
- CAPU--FruitFly b
- ◆ FMN1--Human a
- FMN1--Human b
- ◆ FMN2--Human a
- FMN2--Human b
- ◆ FMN1--Mouse a
- FMN1--Mouse b
- ◆ FMN2--Mouse a
- FMN2--Mouse b