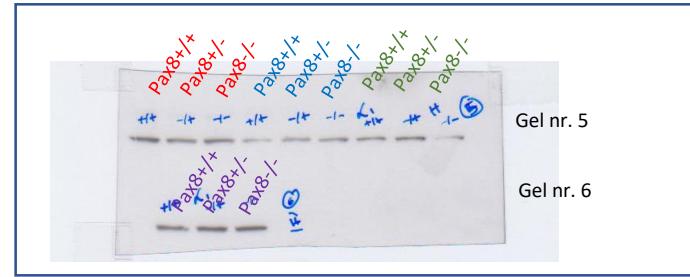
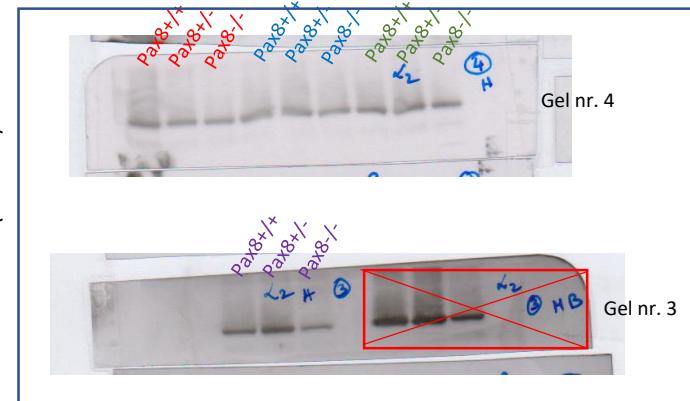


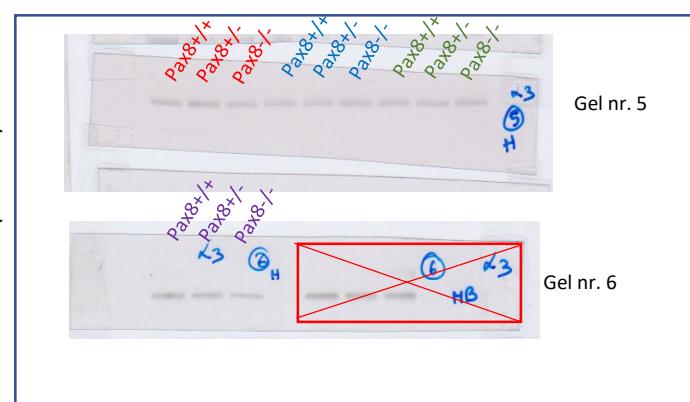
$\text{Na}^+/\text{K}^+$ ATPase  $\alpha 1$   
isoform ( $\approx 112\text{kD}$ )



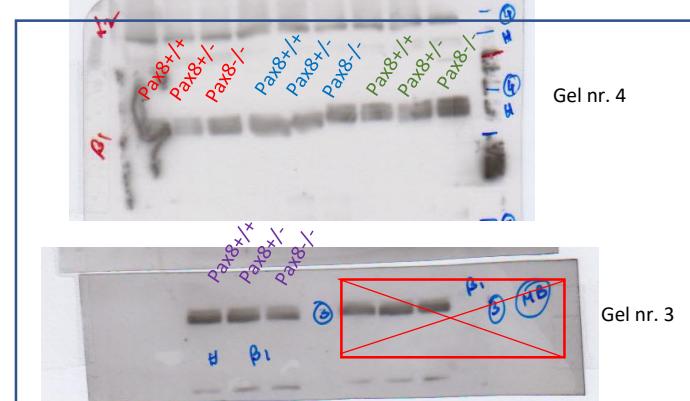
$\text{Na}^+/\text{K}^+$ ATPase  $\alpha 2$   
isoform ( $\approx 105\text{kD}$ )



$\text{Na}^+/\text{K}^+$ ATPase  $\alpha 3$   
isoform ( $\approx 112\text{kD}$ )



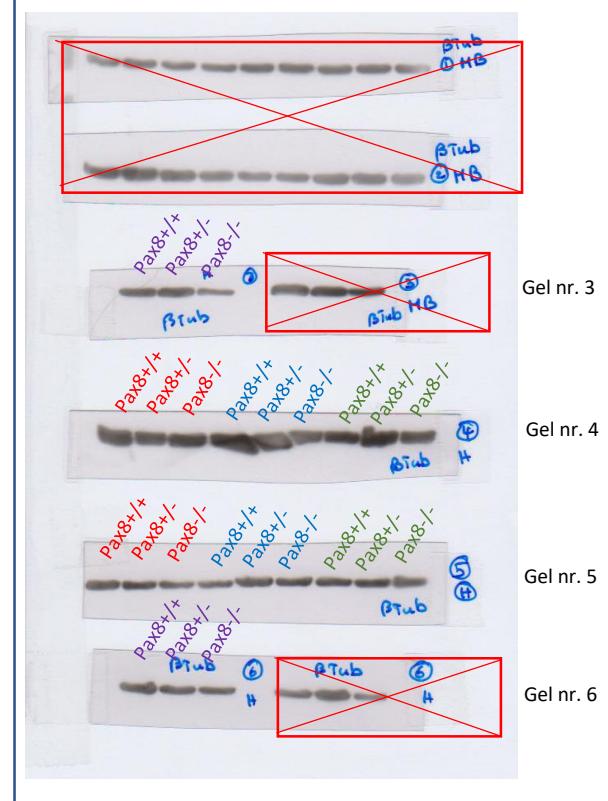
$\text{Na}^+/\text{K}^+$ ATPase  $\beta 1$   
isoform ( $\approx 52\text{kD}$ )



$\text{Na}^+/\text{K}^+$ ATPase  $\beta 2$   
isoform ( $\approx 55\text{kD}$ )



$\beta$  tubulin ( $\approx 50\text{kD}$ )



Set from  
preparation 1

Pax8<sup>+/+</sup>  
Pax8<sup>+/-</sup>  
Pax8<sup>-/-</sup>

Set from  
preparation 2

Pax8<sup>+/+</sup>  
Pax8<sup>+/-</sup>  
Pax8<sup>-/-</sup>

Set from  
preparation 3

Pax8<sup>+/+</sup>  
Pax8<sup>+/-</sup>  
Pax8<sup>-/-</sup>

Set from  
preparation 4

Pax8<sup>+/+</sup>  
Pax8<sup>+/-</sup>  
Pax8<sup>-/-</sup>

**Note:** crossed blots corresponding to  $\beta$  tubulin gels 1, 2, 3 or 6 were from midbrain tissues and thus not included in the present investigation on hippocampal tissues.