mTRPV3

Polar but uncharged R group
serine  threonine  asparagine

+ Charged R group
lysine  arginine  histidine

- Charged R group
glutamic  aspartic acid

glu (glutamic acid)

Special amino acids
 cysteine  glycine  proline

Hydrophobic R groups
alanine  isoleucine  leucine  methionine
phenylalanine  tryptophan  valine  tyrosine

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phenylalanine  tryptophan  valine  tyrosine