`tidy_peptide` - the Swip TMT dataset, raw peptides

Name	Class	Values
Confidence	chr	"High" "High" "High" "High" ...
Accession	chr	"A1L317" "A2A432" "A2A432" "A2A432" ...
Description	chr	"Keratin, type I cytoskeletal 24" ...
Sequence	chr	"QTMQDLNDR" "AQIHQFREDSLDSVLFLK" "DIMIQFK" ...
Modifications	chr	"1xOxidation [M3]; 1xTMTpro [N-Term]" ...
Retention.Time	num	16.9 76.9 70.6 78.7 19.5 ...
Ion.Score	int	12 7 30 34 18 55 32 22 42 27 ...
q-Value	num	5.91e-03 8.84e-06 1.34e-03 1.09e-04 5.08e-04
Sample	chr	Abundance.F1.126.Sample.53395.Control4.Exp1"
Intensity	num	NA 71.6 36.2 254 NA ...
Date of Brain Fractionation	int	11062019 11062019 11062019 11062019 ...
Proteomics ID	chr	"Exp1Control4" "Exp1Control4" ...
Mouse ID	int	23733 23733 23733 23733 23733 23733 23733 ...
Genotype	chr	"WT" "WT" "WT" "WT" ...
Age (mo)	int	10 10 10 10 10 10 10 10 10 10 ...
DOB	int	1062019 1062019 1062019 1062019 ...
Sex	chr	"Female" "Female" "Female" "Female" ...
Treatment	chr	"Control" "Control" "Control" "Control" ...
Experiment	chr	"Exp1" "Exp1" "Exp1" "Exp1" ...
Channel	chr	"126" "126" "126" "126" ...
Fraction	chr	"F4" "F4" "F4" "F4" ...
Cfg Force (xg)	chr	"5,000" "5,000" "5,000" "5,000" ...

`input.pd` the dataset included with the MSstatsTMT package

Name	Class	Values
ProteinName	Factor w/ 10 levels	"P04406","P06576" ...
PeptideSequence	Factor w/ 228 levels	"[K].aAGASDVVLYk.[I]" ...
Charge	int	2 3 3 3 3 3 3 2 3 3 ...
PSM	Factor w/ 305 levels	"[K].aAGASDVVLYk.[I]_2", ...
Mixture	Factor w/ 5 levels	"Mixture1","Mixture2",..: 1 1 1 1 1 1 1 1 1 1 ...
TechRepMixture	Factor w/ 3 levels	"1","2","3": 1 1 1 1 1 1 1 1 1 1 ...
Run	Factor w/ 15 levels	"161117_SILAC_HeLa_UPS1_TMT10_Mixture1_01.raw" ...
Channel	Factor w/ 10 levels	"126","127C","127N", ...
Condition	Factor w/ 5 levels	"0.125","0.5",..: 5 5 5 5 5 5 5 5 ...
BioReplicate	Factor w/ 25 levels	"Mixture1_0.125",..: 5 5 5 5 5 5 ...
Intensity	num	8348 28327 1275011 80590 2231 ...