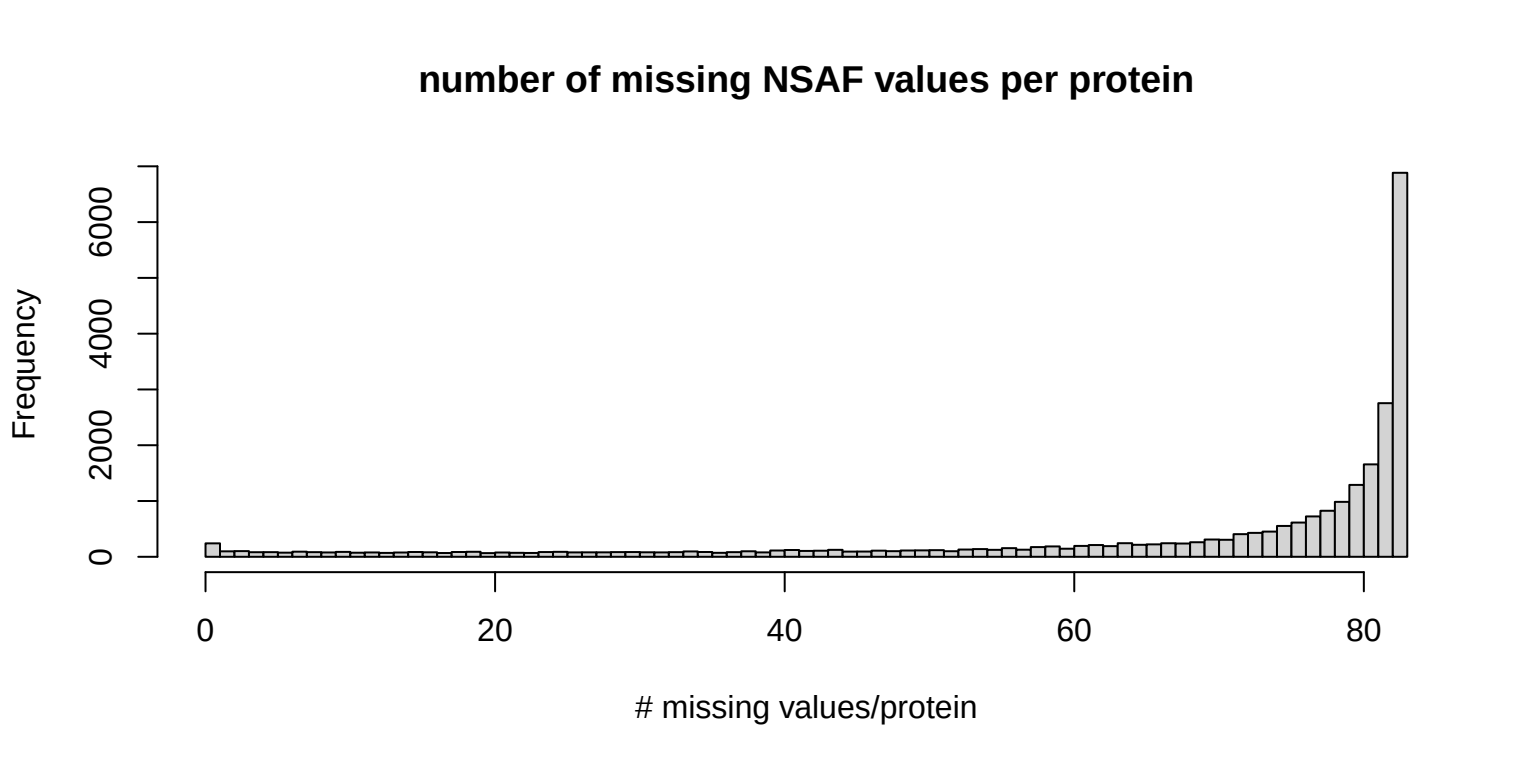
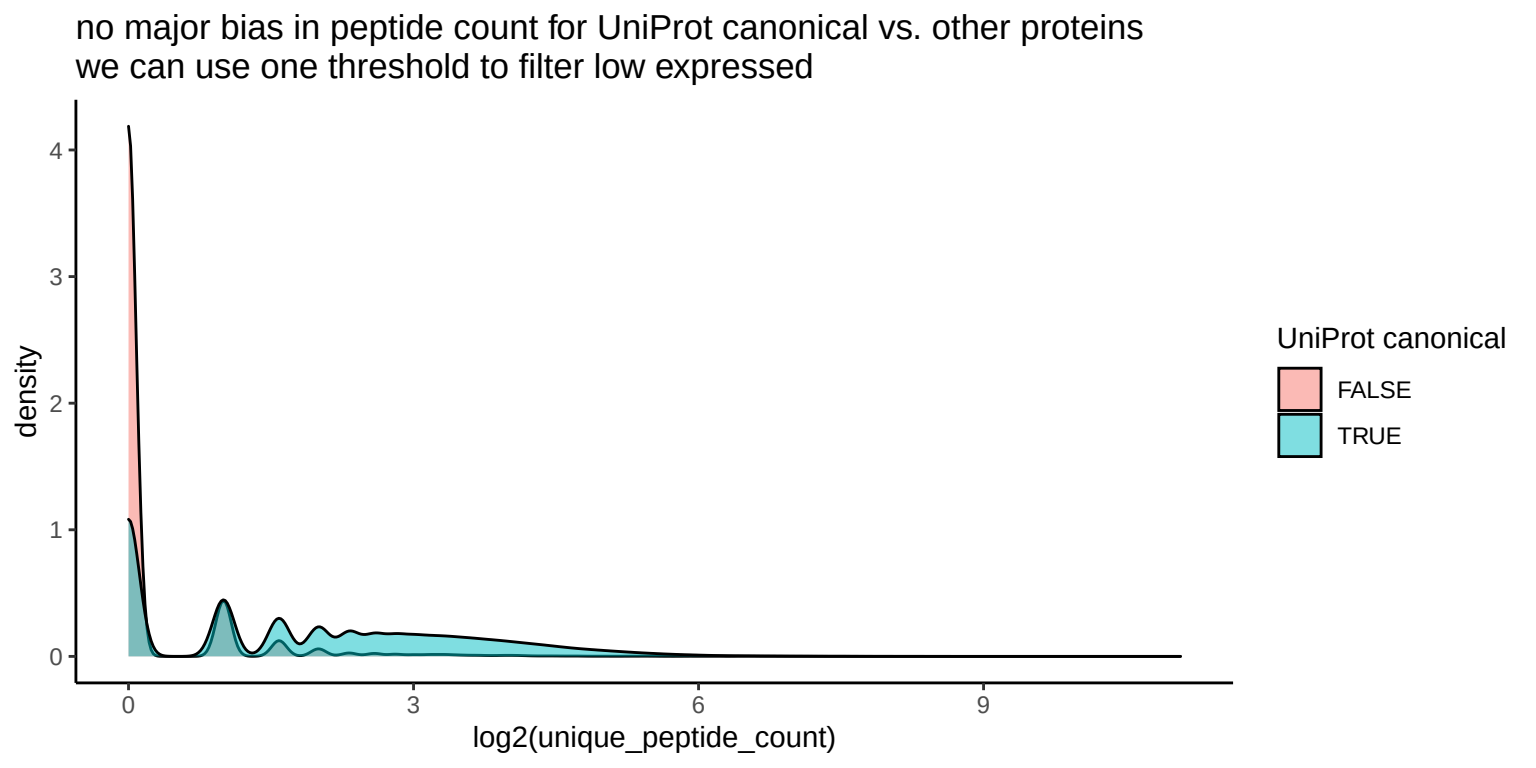
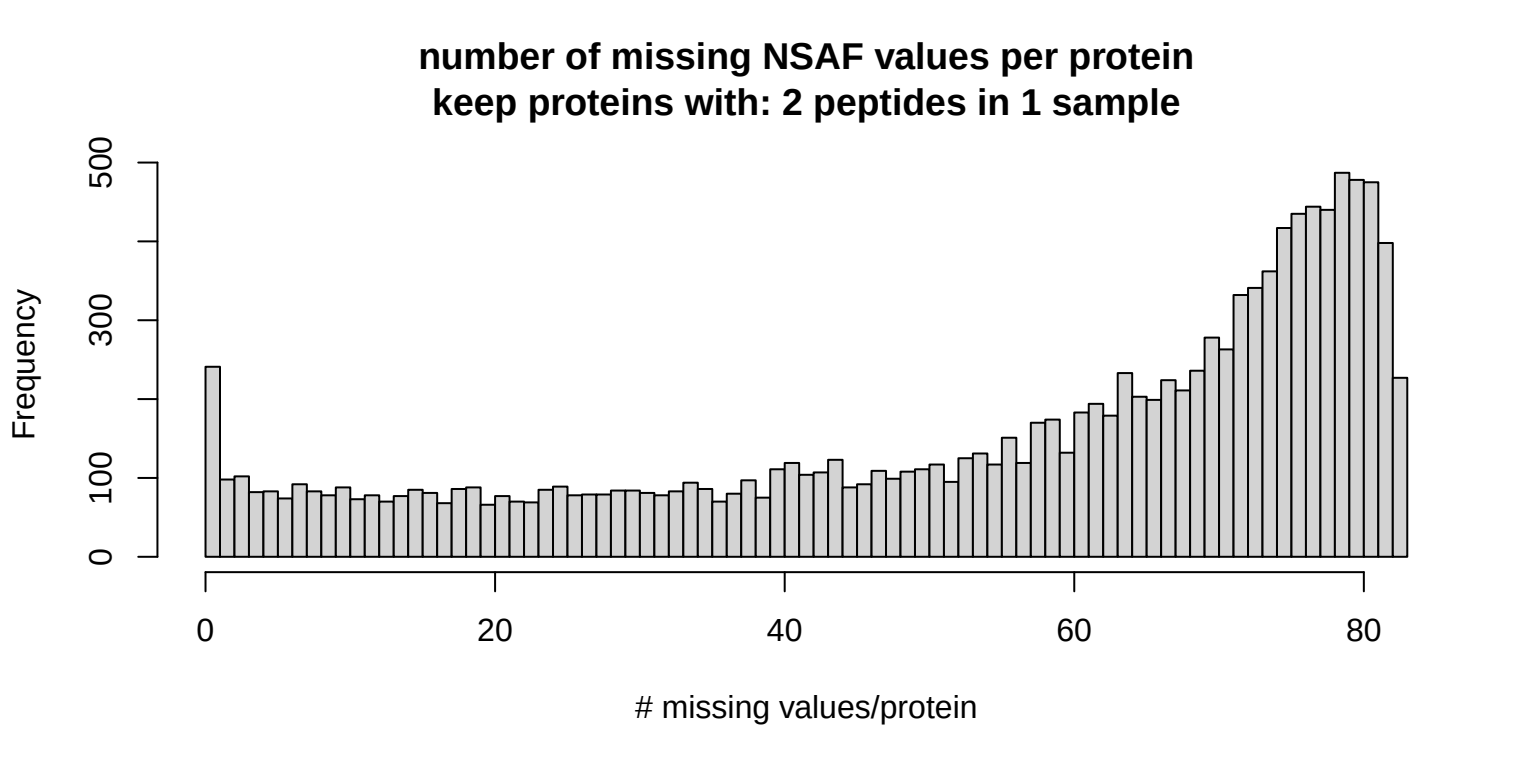
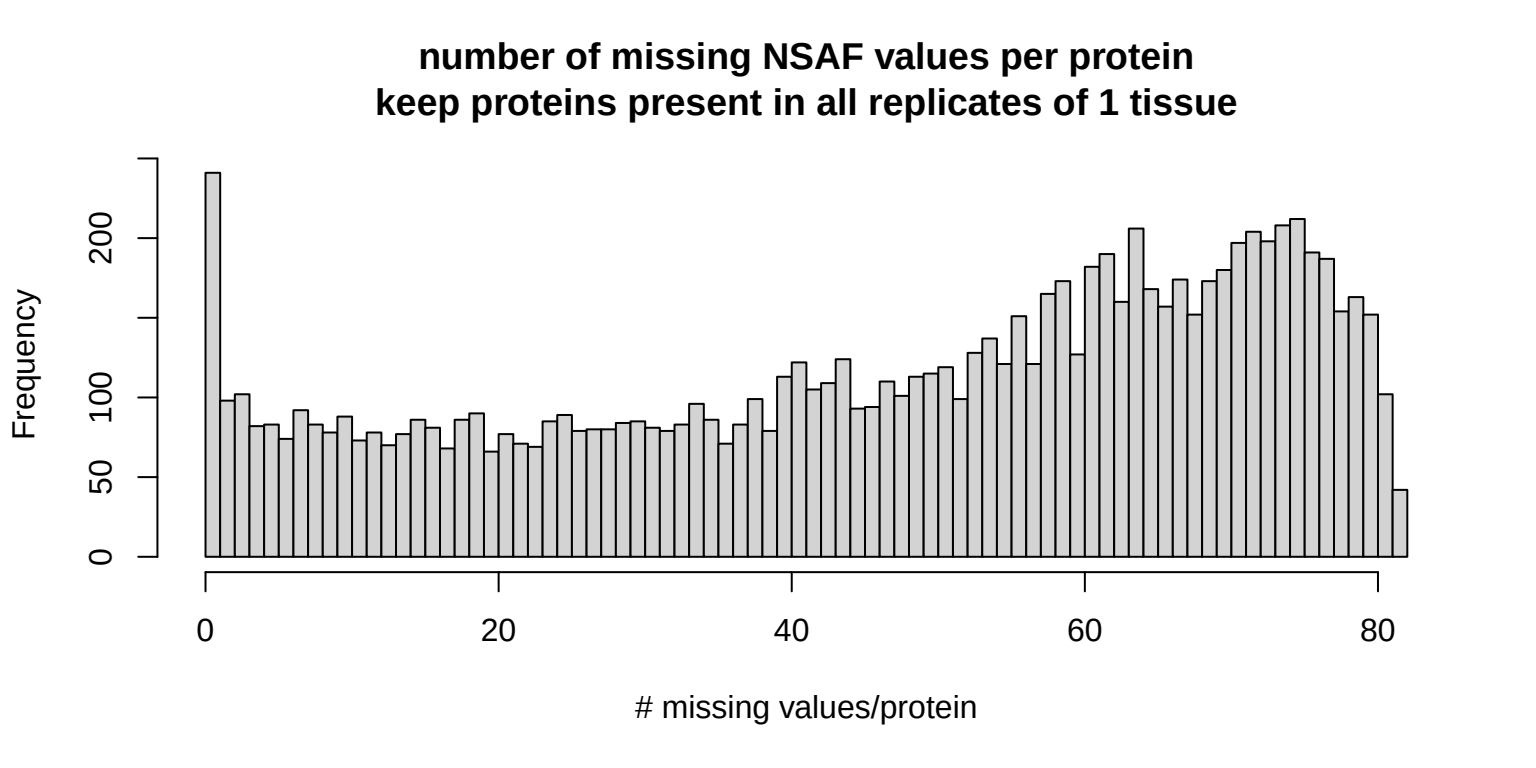
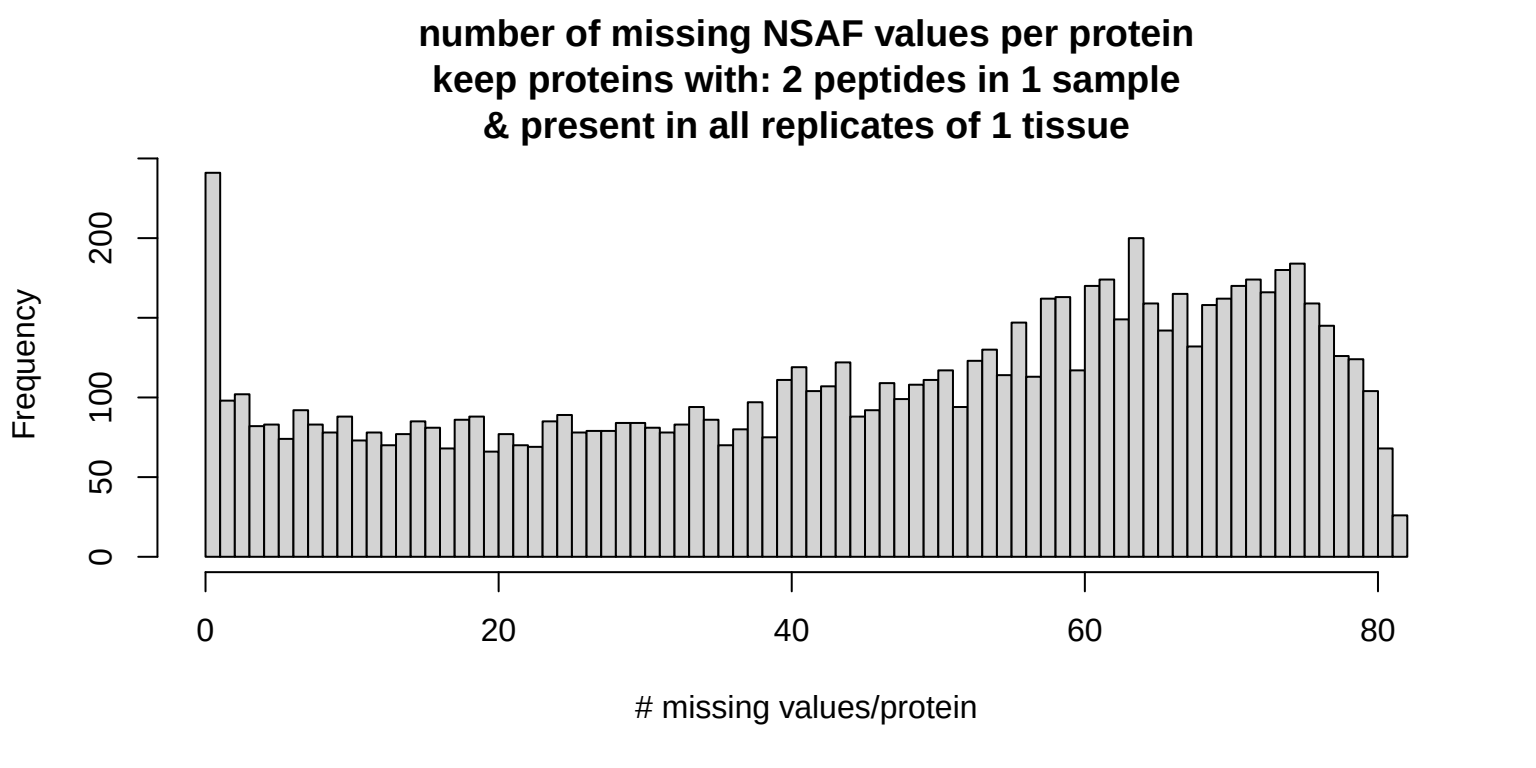
Adult_Adrenalgland_bRP_Velos_1 (90.78%)
Adult_Adrenalgland_Gel_Velos_2 (89.51%)
Adult_Adrenalgland_Gel_Elite_49 (73.32%)
Adult_Bcells_bRP_Velos_42 (90.81%)
Adult_Bcells_bRP_Elite_75 (69.41%)
Adult_Bcells_Gel_Elite_76 (79.54%)
Adult_CD4Tcells_bRP_Elite_28 (73.37%)
Adult_CD4Tcells_Gel_Velos_30 (86.66%)
Adult_CD8Tcells_bRP_Velos_43 (89.5%)
Adult_CD8Tcells_bRP_Elite_77 (67.99%)
Adult_CD8Tcells_Gel_Elite_44 (71.93%)
Adult_CD8Tcells_Gel_Velos_45 (90.86%)
Adult_Colon_bRP_Elite_50 (74.4%)
Adult_Colon_Gel_Elite_51 (80.83%)
Adult_Esophagus_bRP_Velos_3 (87.24%)
Adult_Esophagus_bRP_Elite_37 (89.53%)
Adult_Esophagus_Gel_Velos_4 (88.7%)
Adult_Frontalcortex_bRP_Elite_38 (81.58%)
Adult_Frontalcortex_bRP_Elite_85 (71.08%)
Adult_Frontalcortex_Gel_Elite_80 (79.16%)
Adult_Gallbladder_bRP_Elite_53 (76.55%)
Adult_Gallbladder_Gel_Elite_52 (84.92%)
Adult_Heart_bRP_Velos_6 (88.01%)
Adult_Heart_bRP_Elite_39 (89.35%)
Adult_Heart_bRP_Elite_81 (85%)
Adult_Heart_Gel_Velos_7 (92.27%)
Adult_Heart_Gel_Elite_54 (84.05%)
Adult_Kidney_bRP_Velos_8 (84.9%)
Adult_Kidney_Gel_Velos_9 (88.22%)
Adult_Kidney_Gel_Elite_55 (82.52%)
Adult_Liver_bRP_Velos_10 (86.2%)
Adult_Liver_bRP_Elite_82 (72.52%)
Adult_Liver_Gel_Velos_11 (92.16%)
Adult_Liver_Gel_Elite_83 (84.79%)
Adult_Lung_bRP_Velos_12 (86.87%)
Adult_Lung_Gel_Velos_13 (93.45%)
Adult_Lung_Gel_Elite_56 (80%)
Adult_Monocytes_bRP_Velos_31 (82.3%)
Adult_Monocytes_bRP_Elite_33 (74.65%)
Adult_Monocytes_Gel_Velos_32 (90.36%)
Adult_NKcells_bRP_Elite_34 (85.19%)
Adult_NKcells_bRP_Velos_46 (92.49%)
Adult_NKcells_Gel_Velos_47 (95.02%)
Adult_NKcells_Gel_Elite_78 (72.67%)
Adult_Ovary_bRP_Elite_57 (69.06%)
Adult_Ovary_Gel_Elite_58 (74.05%)
Adult_Pancreas_bRP_Elite_59 (67.79%)
Adult_Pancreas_Gel_Elite_60 (85.12%)
Adult_Platelets_bRP_Velos_35 (86.14%)
Adult_Platelets_Gel_Velos_36 (89.38%)
Adult_Platelets_Gel_Elite_48 (81.98%)
Adult_Prostate_bRP_Elite_61 (69.99%)
Adult_Prostate_Gel_Elite_62 (80.58%)
Adult_Rectum_bRP_Elite_84 (75.33%)
Adult_Rectum_Gel_Elite_63 (82.17%)
Adult_Retina_bRP_Elite_64 (64.88%)
Adult_Retina_Gel_Velos_5 (88.6%)
Adult_Retina_Gel_Elite_65 (77.77%)
Adult_Spinalcord_bRP_Elite_66 (75.11%)
Adult_Spinalcord_Gel_Elite_67 (83.67%)
Adult_Testis_bRP_Elite_68 (62.65%)
Adult_Testis_Gel_Elite_69 (78.14%)
Adult_Urinarybladder_bRP_Elite_71 (74.72%)
Adult_Urinarybladder_Gel_Elite_40 (92.38%)
Adult_Urinarybladder_Gel_Elite_70 (84.92%)
Fetal_Brain_bRP_Elite_15 (74.53%)
Fetal_Brain_Gel_Velos_16 (81.57%)
Fetal_Gut_bRP_Elite_17 (80.13%)
Fetal_Gut_bRP_Elite_18 (75.5%)
Fetal_Gut_Gel_Velos_72 (80.45%)
Fetal_Heart_bRP_Elite_19 (81.56%)
Fetal_Heart_bRP_Elite_20 (73.49%)
Fetal_Heart_Gel_Velos_21 (84.77%)
Fetal_Heart_Gel_Velos_73 (82.23%)
Fetal_Liver_bRP_Elite_22 (77.53%)
Fetal_Liver_bRP_Elite_23 (74.37%)
Fetal_Liver_Gel_Velos_24 (85.82%)
Fetal_Ovary_bRP_Elite_25 (72.71%)
Fetal_Ovary_bRP_Velos_41 (84.53%)
Fetal_Ovary_Gel_Velos_74 (77.27%)
Fetal_Placenta_bRP_Elite_79 (81.23%)
Fetal_Placenta_Gel_Velos_14 (86.03%)
Fetal_Testis_bRP_Elite_26 (72.83%)
Fetal_Testis_Gel_Velos_27 (84.3%)
Observations
0
10000
20000
Missing
(81.3%)
Present
(18.7%)


number of missing NSAF values per protein
Frequency
0
2000
4000
6000
0
20
40
60
80
missing values/protein


no major bias in peptide count for UniProt canonical vs. other proteins
we can use one threshold to filter low expressed
density
0
1
2
3
4
0
3
6
9
log2(unique_peptide_count)
UniProt canonical
FALSE
TRUE


number of missing NSAF values per protein
keep proteins with: 2 peptides in 1 sample
Frequency
0
100
300
500
0
20
40
60
80
missing values/protein


number of missing NSAF values per protein
keep proteins present in all replicates of 1 tissue
Frequency
0
50
100
200
0
20
40
60
80
missing values/protein


number of missing NSAF values per protein
keep proteins with: 2 peptides in 1 sample
& present in all replicates of 1 tissue
Frequency
0
50
100
200
0
20
40
60
80
missing values/protein