

Protein / Total cross-linked pairs	Oligomeric state	Total unambiguous cross-link pairs (including redundant pairs)	Unambiguous, non-redundant cross-link pairs unique to oligomeric state	Ambiguous pairs (cannot be assigned to NDE1 or NDEL1 alone from mixed NDE1-NDEL1 experiment)
<b>NDE1 / 300</b>	Dimer	64	27	13
	Tetramer	99	40	15
	High MWt	137	62	1
<b>NDEL1 / 75</b>	Dimer	23	15	-
	Tetramer	34	13	2
	High MWt	18	9	1
<b>NDE1-NDEL1 / 41</b>	Dimer	-	-	-
	Tetramer	6	6	2
	High MWt	35	17	9

**SUPPLEMENTAL TABLE 1: Breakdown of cross-linked peptide pairs per protein and oligomeric state.** The total number (416) cross-linked peptide pairs are shown broken-down for each respective protein, along with oligomeric state and total of non-redundant, unambiguous cross-linked pair. Note: for results obtained for the mixed NDE1-NDEL1 experiments, contacts that could be assigned unambiguously to one of the proteins (e.g. NDE1-NDE1 or NDEL1-NDEL1) were considered with the appropriate single protein experiment and merged with those data in this table. Refer Supplemental Table 2 for the raw data from all cross-linking/mass spectrometry experiments undertaken.