Stucture and Kinematics in the Sonnblick Area (Eastern Tauern Window - Austria)
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DEFORMATION HISTORY
Based on existing and new maps, we discuss the following deformation events (colours correspond to units in the map above).

pre-D1: (ca. 47 Ma) major folding of the N-S oriented fold and syn-folding reworking into push faults and thrusts.
D1: (ca. 45 Ma) NW-SE striking shortening and subduction of the eastern Alps into the fold and thrust belt.
D2: (ca. 37 Ma) SW-NE striking shortening and subduction of the eastern Alps into the fold and thrust belt.
D3: (ca. 36 Ma) Evolution of the push fault system and movement of the fold and thrust belt.
D4-D5: (ca. 47 Ma) Orogenic pericentral extension in the Vienna Basin.