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Among variable stars, δ Scuti are particularly interesting since they can pulsate in different evolutionary phases and are characterized by both radial and non-radial pulsation modes. Even if the majority of δ Scuti stars are located on their Main Sequence (MS) or post-MS phases, there are growing evidences in the recent years about the presence of δ Scuti variables among stars which are still in their Pre-MS phase (the so called Herbig Ae stars). Due to the small number of stars members of this class known up to now, the boundaries of instability strip are not well constrained. In this context, we present the preliminary results of a long term project aimed at the definition of these limits by enlarging the sample of PMS δ Scuti stars.
