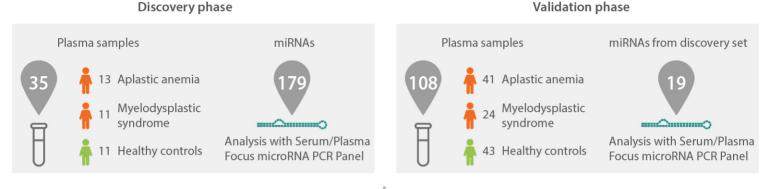
The plasma biomarkers miR-150-5p, miR-146b-5p, and miR-1 can serve for diagnosis in patients with aplastic anemia and miR-150-5p for disease monitoring



• 3 miRNAs could be validated as dysregulated (> 1.5 fold change) in aplastic anemia vs healthy controls and can predict the probability of a diagnosis of aplastic anemia



Dysregulated expression levels of the miRNAs were normalized after immunosuppressive therapy at 6 months.



expression was significantly reduced after successful immunosuppressive therapy, but did not change in non-responders