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Heterogenous mutation spectrum and deregulated cellular pathways in aberrant plasma cells underline molecular pathology of light-chain amyloidosis

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Contributions: ZC and TS contributed equally to this manuscript - processed nucleic acid samples, designed experiments, prepared the figures and wrote the manuscript; PV, JP, LB, EB, AM and MMo performed bioinformatic and statistical analysis; KG, JF and MZ performed cell sorting and nucleic acid isolation; TJ, LP, MS, SG, WWJ, AWG, AJ, AB, MH, LH, MMi, GM, PR, JD, AJ, JS and AC diagnosed patients, collected samples of peripheral blood and bone marrow and provided patient's clinical data; GM provided the multiple myeloma exome data; FK designed the study and organized the initial sample collection and experiments; RH designed the study and managed the team; MS, MH and TJ designed experiments and wrote the manuscript. All authors have commented on and proofread the manuscript.