

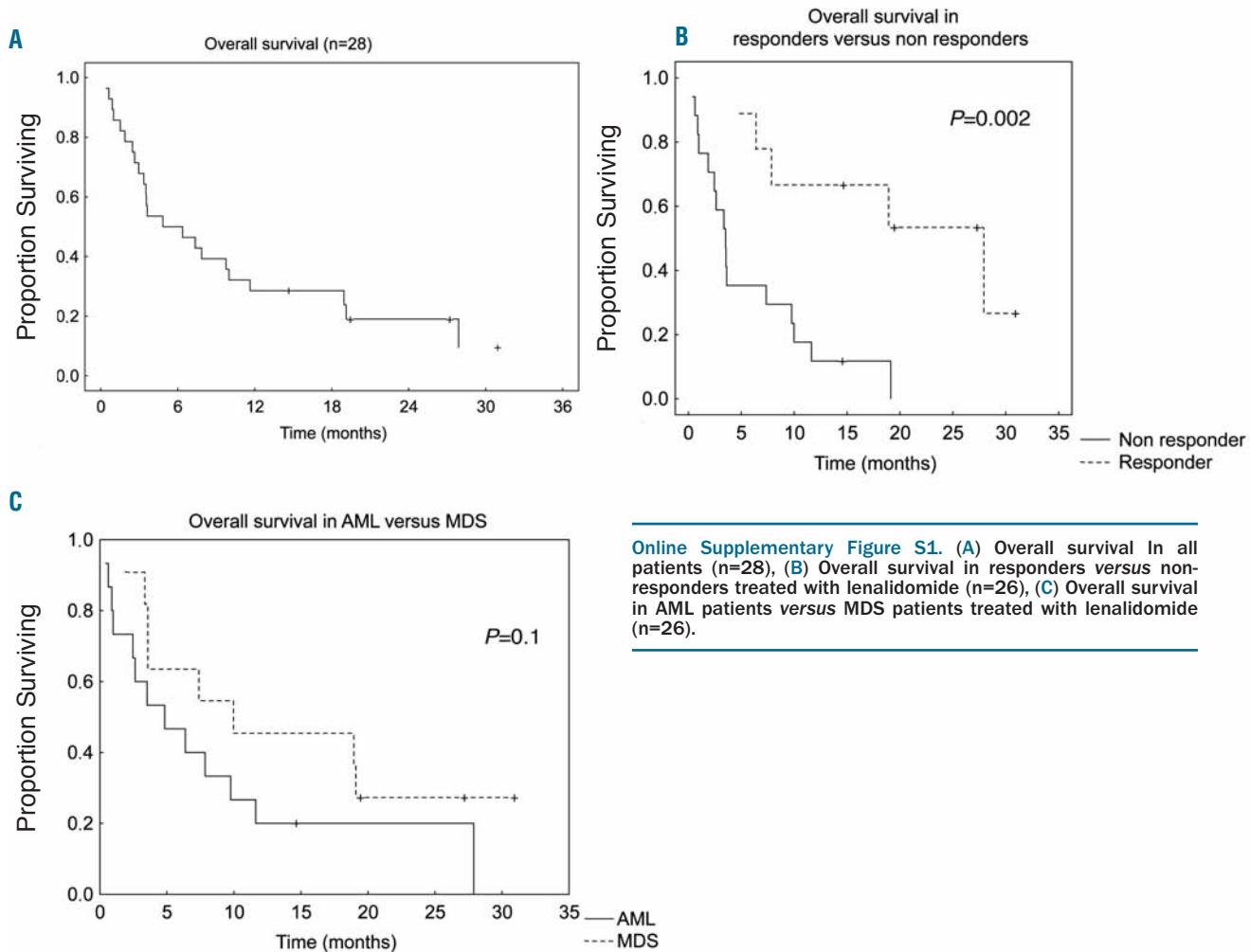
## Clinical effect of increasing doses of lenalidomide in high-risk myelodysplastic syndrome and acute myeloid leukemia with chromosome 5 abnormalities

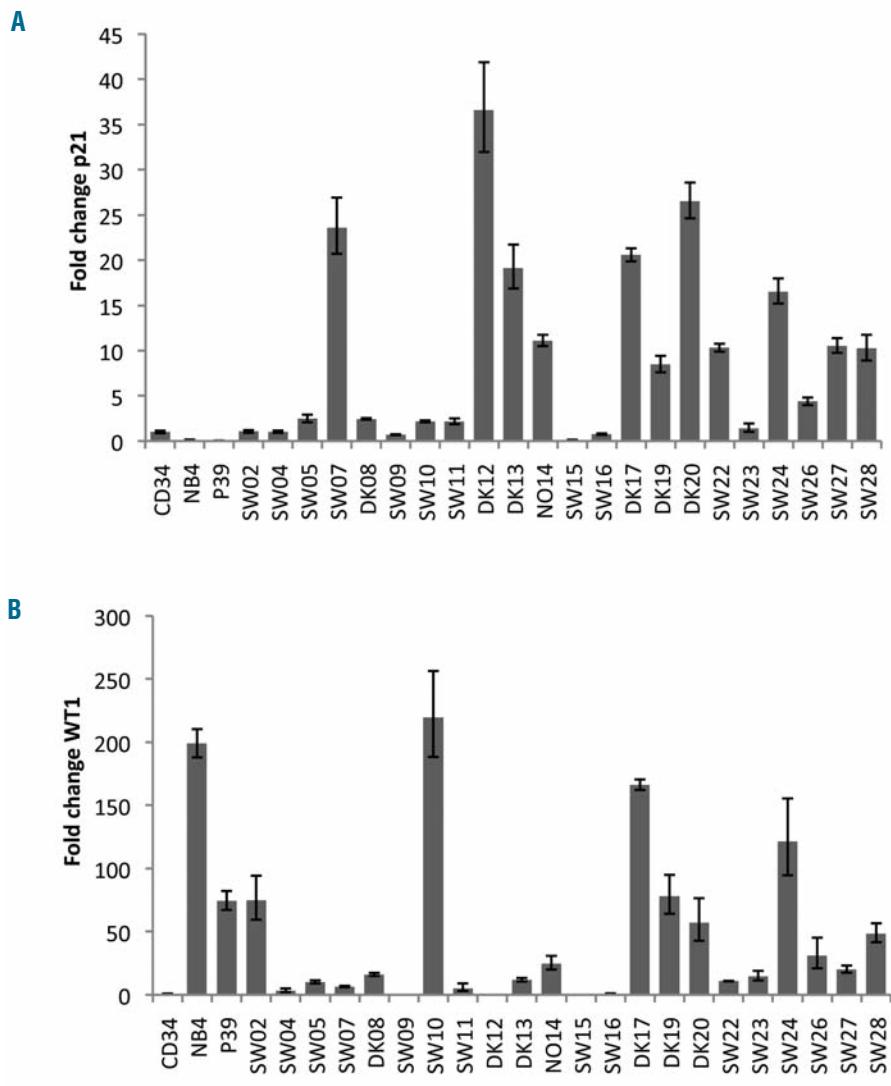
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**Supplementary Figure 2.** Expression of p21 (A) and WT1 (B), as determined by reverse transcriptase quantitative PCR, in CD34<sup>+</sup> bone marrow cells. Fold change compared to normal CD34<sup>+</sup> cells from healthy normal donors. NB4: human acute promyelocytic leukemia. P39: human myelomonocytoid cell line.



**Online Supplementary Table 2.** Summary of adverse events.

Adverse Events	AML		MDS		Total	
	Grade 1-2	Grade 3-4	Grade 1-2	Grade 3-4	Grade 1-2	Grade 3-4
Infection	7	8	3	5	10	13
Thrombocytopenia	2	3	2	4	4	7
Neutropenia	0	3	3	3	3	6
Skin rash	4	1	1	2	5	3
Abdominal pain	4	1	0	1	4	2
CNS hemorrhage	0	1	0	1	0	2
Thromboembolism	0	0	1	1	1	1
Syncope	0	1	0	1	1	1
Arthritis	0	1	0	0	0	1
Bleeding or hematoma	0	1	2	0	2	1
Lesion in oral cavity	1	1	0	0	1	1
Diarrhea	4	0	4	0	8	0
Musculoskeletal pain	4	0	3	0	7	0
Fatigue	3	0	4	0	7	0
Abnormal liver enzymes	1	0	2	0	3	0
Allergic reaction	1	0	1	0	2	0
Dyspnea	2	0	0	0	2	0
Dizziness	1	0	1	0	2	0
Sweating	1	0	1	0	2	0
Edema of lower extremities	2	0	0	0	2	0
Headache	1	0	1	0	2	0
Dry skin	1	0	1	0	2	0
Constipation	0	0	2	0	2	0
Hypothyroidism	0	0	1	0	1	0
Gastritis	1	0	0	0	1	0
Vomiting	1	0	0	0	1	0
Weight loss	1	0	0	0	1	0
Fever	1	0	0	0	1	0
Urinary frequency	1	0	0	0	1	0
Heart palpitations	1	0	0	0	1	0
Hematuria	1	0	0	0	1	0
Dry eyes	0	0	1	0	1	0
Low potassium	1	0	0	0	1	0
Hypocalcemia	0	0	1	0	1	0
Nausea	0	0	1	0	1	0
Fracture of right arm	0	0	1	0	1	0
Atrial fibrillation	1	0	0	0	1	0
Seizure	1	0	0	0	1	0