

		G2501	D2502	L2503	E2504	D2505	L2506	N2507	E2508	M2509	L2510	L2511	K2512	Q2513	K2514	A2515	T2516	M2517	Q2518	D2519	L2520	E2521	Q2522	R2523	L2524	E2525	R2526	L2527	Q2528	F2529	L2530	L2531	T2532	A2533	A2534	Q2535	N2536	L2537	K2538	N2539	K2540	T2541	S2542	N2543	Q2544	E2545	A2546	R2547	T2548	L2549	L2550	T2551	D2552	R2553	L2554	E2555	R2556	L2557	Q2558	N2559	Q2560	V2561	D2562	E2563	V2564	Q2565	F2566	L2567	L2568	Q2569	N2570	R2571	L2572	A2573	V2574	L2575	K2576	S2577	M2578	L2579	K2580	D2581	S2582	T2583	Q2584	V2585	L2586	E2587	A2588	K2589	E2590	L2591	Q2592	P2593	Y2594	L2595	G2596	S2597	Q2598	A2599	R2600	L2601	K2602	L2603	E2604	S2605	V2606	K2607	E2608	G2609	P2610	Y2611	T2612	V2613	D2614	A2615	L2616	Q2617	K2618	K2619	L2620	T2621	E2622	T2623	K2624	Q2625	L2626	D2627	L2628	A2629	N2630	V2631	Q2632	V2633	Q2634	T2635	N2636	F2637	L2638	Q2639	A2640	S2641	V2642	L2643	A2644	L2645	K2646	D2647	H2648	R2649	A2650	F2651	K2652	V2653	Q2654	P2655	L2656	D2657	L2658	T2659	R2660	M2661	L2662	T2663	E2664	N2665	L2666	N2667	A2668	S2669	V2670	R2671	S2672	L2673	H2674	K2675	R2676	V2677	S2678	E2679	L2680	M2681	N2682	F2683	K2684	Y2685	Q2686	E2687	P2688	R2689	L2690	L2691	Q2692	P2693	L2694	D2695	V2696	Q2697	R2698	L2699	A2700	T2701	Q2702	A2703	V2704	L2705	T2706	E2707	A2708	E2709	T2710	T2711	A2712	N2713	V2714	L2715	Q2716	D2717	A2718	T2719	D2720	V2721	Y2722	H2723	N2724	L2725	Q2726	F2727	R2728	K2729	G2730	V2731	K2732	E2733	L2734	M2735	K2736	Q2737	V2738	Q2739	D2740	L2741	Q2742	G2743	E2744	L2745	E2746	A2747	H2748	T2749	D2750	V2751	Y2752	H2753	N2754	L2755	D2756	E2757	D2758	S2759	T2760	Q2761	V2762	K2763	R2764	S2765	L2766	E2767	G2768	S2769	D2770	D2771	A2772	V2773	L2774	L2775	Q2776	R2777	R2778	L2779	D2780	N2781	M2782	N2783	F2784	K2785	V2786	S2787	E2788	L2789	R2790	K2791	K2792	S2793	L2794	N2795	I2796	R2797	S2798	H2799	L2800	E2801	A2802	S2803	S2804	D2805	Q2806	V2807	K2808	R2809	L2810	H2811	L2812	S2813	L2814	R2815	Q2816	P2817	V2818	K2819	L2820	T2821	Q2822	L2823	K2824	D2825	E2826	A2827	N2828	S2829	T2830	Q2831	V2832	L2833	A2834	Y2835	Q2836	E2837	P2838	R2839	L2840	L2841	Q2842	K2843	Q2844	D2845	V2846	H2847	R2848	A2849	F2850	K2851	V2852	Q2853	E2854	L2855	T2856	R2857	K2858	V2859	H2860	M2861	L2862	T2863	E2864	N2865	L2866	N2867	A2868	S2869	V2870	R2871	S2872	L2873	T2874	E2875	Q2876	R2877	R2878	L2879	D2880	N2881	M2882	F2883	K2884	Y2885	Q2886	E2887	P2888	R2889	L2890	L2891	Q2892	A2893	S2894	D2895	V2896	Q2897	P2898	L2899	T2900	R2901	L2902	L2903	L2904	R2905	K2906	Q2907	A2908	E2909	E2910	V2911	N2912	T2913	E2914	V2915	E2916	K2917	L2918	N2919	L2920	H2921	S2922	A2923	D2924	V2925	Q2926	R2927	K2928	L2929	D2930	E2931	T2932	L2933	E2934	R2935	L2936	Q2937	E2938	L2939	Q2940	E2941	A2942	T2943	D2944	E2945	L2946	D2947	L2948	K2949	L2950	R2951	Q2952	A2953	E2954	V2955	I2956	K2957	G2958	S2959	V2960	Q2961	P2962	V2963	G2964	D2965	L2966	L2967	I2968	D2969	S2970	T2971	Q2972	D2973	H2974	L2975	E2976	K2977	V2978	K2979	A2980	L2981	R2982	G2983	E2984	I2985	A2986	P2987	L2988	K2989	E2990	N2991	V2992	S2993	F2994	V2995	N2996	D2997	L2998	A2999	L2999	R2999	G2999	E2999	I2999																																																																								
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