

		Q1501	
		L1502	
		N1503	
		H1504	
		C1505	
		V1506	
		N1507	
		L1508	
		Y1509	
		K1510	
		L1511	
		L1512	
		S1513	
		F1514	
		V1515	
		K1516	
		S1517	
		F1518	
		V1519	
		F1520	
		M1521	
		V1522	
		L1523	
		K1524	
		T1525	
		G1526	
		R1527	
		Q1528	
		L1529	
		V1530	
		Q1531	
		K1532	
		K1533	
		Q1534	
		T1535	
		F1536	
		N1537	
		P1538	
		F1539	
		E1540	
		L1541	
		D1542	
		F1543	
		R1544	
		V1545	
		T1546	
		A1547	
		L1548	
		K1549	
		L1550	
		H1551	
		Y1552	
		N1553	
		F1554	
		L1555	
		G1556	
		A1557	
		K1558	
		V1559	
		T1560	
		F1561	
		R1562	
		K1563	
		Q1564	
		Q1565	
		L1566	
		F1567	
		K1568	
		C1569	
		L1570	
		K1571	
		L1572	
		S1573	
		R1574	
		K1575	
		M1576	
		R1577	
		K1578	
		F1579	
		M1580	
		N1581	
		V1582	
		L1583	
		T1584	
		F1585	
		W1586	
		L1587	
		A1588	
		A1589	
		T1590	
		D1591	
		M1592	
		F1593	
		L1594	
		T1595	
		K1596	
		R1597	
		S1598	
		A1599	
		V1600	
		E1601	
		G1602	
		M1603	
		P1604	
		S1605	
		N1606	
		L1607	
		D1608	
		S1609	
		F1610	
		V1611	
		A1612	
		W1613	
		G1614	
		K1615	
		A1616	
		T1617	
		Q1618	
		K1619	
		F1620	
		L1621	
		F1622	
		K1623	
		Q1624	
		V1625	
		V1626	
		H1627	
		L1628	
		K1629	
		S1630	
		L1631	
		T1632	
		F1633	
		V1634	
		G1635	
		F1636	
		A1637	
		L1638	
		K1639	
		T1640	
		N1641	
		L1642	
		G1643	
		K1644	
		K1645	
		F1646	
		T1647	
		L1648	
		V1649	
		E1650	
		D1651	
		K1652	
		L1653	
		S1654	
		L1655	
		L1656	
		N1657	
		S1658	
		F1659	
		L1660	
		W1661	
		A1662	
		V1663	
		T1664	
		S1665	
		R1666	
		A1667	
		E1668	
		F1669	
		W1670	
		L1671	
		N1672	
		L1673	
		L1674	
		L1675	
		F1676	
		Y1677	
		Q1678	
		H1679	
		K1680	
		M1681	
		F1682	
		T1683	
		F1684	
		Q1685	
		D1686	
		N1687	
		V1688	
		D1689	
		L1690	
		L1691	
		T1692	
		K1693	
		W1694	
		L1695	
		L1696	
		Q1697	
		A1698	
		D1699	
		T1700	
		L1701	
		L1702	
		D1703	
		F1704	
		S1705	
		F1706	
		K1707	
		K1708	
		K1709	
		P1710	
		Q1711	
		Q1712	
		K1713	
		E1714	
		D1715	
		V1716	
		L1717	
		K1718	
		R1719	
		L1720	
		K1721	
		E1722	
		F1723	
		L1724	
		N1725	
		D1726	
		L1727	
		R1728	
		P1729	
		K1730	
		V1731	
		D1732	
		S1733	
		T1734	
		R1735	
		D1736	
		Q1737	
		A1738	
		N1739	
		A1740	
		L1741	
		M1742	
		A1743	
		N1744	
		R1745	
		G1746	
		D1747	
		H1748	
		C1749	
		R1750	
		K1751	
		L1752	
		V1753	
		F1754	
		P1755	
		Q1756	
		L1757	
		S1758	
		F1759	
		L1760	
		N1761	
		H1762	
		R1763	
		F1764	
		A1765	
		L1766	
		L1767	
		S1768	
		H1769	
		R1770	
		L1771	
		K1772	
		T1773	
		G1774	
		K1775	
		A1776	
		S1777	
		L1778	
		P1779	
		L1780	
		K1781	
		L1782	
		E1783	
		E1784	
		Q1785	
		F1786	
		N1787	
		D1788	
		L1789	
		L1790	
		Q1791	
		K1792	
		L1793	
		L1794	
		E1795	
		P1796	
		L1797	
		A1798	
		E1799	
		F1800	
		L1801	
		Q1802	
		Q1803	
		V1804	
		N1805	
		L1806	
		L1807	
		K1808	
		E1809	
		D1810	
		F1811	
		F1812	
		N1813	
		K1814	
		D1815	
		M1816	
		N1817	
		E1818	
		D1819	
		N1820	
		F1821	
		G1822	
		T1823	
		V1824	
		K1825	
		L1826	
		L1827	
		L1828	
		Q1829	
		R1830	
		G1831	
		D1832	
		N1833	
		L1834	
		Q1835	
		R1836	
		L1837	
		A1838	
		T1839	
		D1840	
		E1841	
		R1842	
		K1843	
		R1844	
		E1845	
		F1846	
		L1847	
		K1848	
		L1849	
		K1850	
		Q1851	
		L1852	
		L1853	
		L1854	
		Q1855	
		T1856	
		K1857	
		N1858	
		A1859	
		Q1860	
		L1861	
		K1862	
		D1863	
		L1864	
		S1865	
		Q1867	
		R1868	
		R1869	
		K1870	
		K1871	
		A1872	
		L1873	
		F1874	
		L1875	
		S1876	
		H1877	
		Q1878	
		W1879	
		Y1880	
		Q1881	
		Y1882	
		K1883	
		R1884	
		Q1885	
		A1886	
		D1887	
		D1888	
		L1889	
		K1890	
		L1891	
		C1892	
		L1893	
		D1894	
		L1895	
		D1896	
		F1897	
		K1898	
		K1899	
		L1900	
		A1901	
		S1902	
		L1903	
		P1904	
		F1905	
		P1906	
		R1907	
		D1908	
		E1909	
		R1910	
		K1911	
		L1912	
		K1913	
		E1914	
		L1915	
		D1916	
		F1917	
		E1918	
		L1919	
		Q1920	
		K1921	
		K1922	
		F1923	
		E1924	
		E1925	
		L1926	
		N1927	
		V1928	
		R1929	
		R1930	
		R1931	
		Q1932	
		A1933	
		E1934	
		G1935	
		L1936	
		S1937	
		E1938	
		D1939	
		G1940	
		A1941	
		A1942	
		M1943	
		V1944	
		F1945	
		F1946	
		P1947	
		T1948	
		Q1949	
		L1950	
		L1951	
		S1952	
		S1953	
		K1954	
		R1955	
		W1956	
		R1957	